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ILLUSTRATION
OF THE TYPES NAMED BY S. STILLMAN BERRY
IN HIS "LEAFLETS IN MALACOLOGY"

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CAROLE M. HERTZ



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ILLUSTRATION OF THE TYPES NAMED BY S. STILLMAN BERRY
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INTRODUCTION

In November of 1946, S. Stillman Berry began the private publication of his LEAFLETS IN MALACOLOGY which he instituted to facilitate the "publication and dissemination...of new mollusks of special interest under study" primarily by him. LEAFLETS IN MALACOLOGY continued for twenty-three years concluding with Volume 1, Number 26 in December 1969. During these years, Dr. Berry described 99 marine molluscan species, renamed one species, and named 19 new genera in the "LEAFLETS." However, only two of the species were figured and few of the types have been illustrated since.

It is the purpose of this paper to figure all of the types of the species named by Dr. Berry in the "LEAFLETS," with the exception of the eight species of *Octopus*. This project would not have been possible without the efforts of Leroy and Forrest Poorman who saw the need to illustrate Dr. Berry's type specimens and had photographed all but two for the species described in the "LEAFLETS" (excluding *Octopus* species).

Most of the photography was done between July and December of 1971. In Leroy Poorman's words, "...Many of the types were photographed at Stanford [University] through the courtesy of Dr. Myra Keen. Fifty-nine specimens were photographed in one day. These specimens have since been placed in CAS [California Academy of Sciences]; ...we spent much time at Berry's home photographing. He gave us oral permission to use the slides in any way we wished. He said that they should be published but that the cost was too high, even for him...We went through the special chest in which he kept his types when we were photographing there."

The types of *Cirsotrema pentadesmium* and *Pedicularia (californica?) phase or form?) ovuliformis* were photographed by David K. Mulliner. He also gave of his time and talent in preparing the black and white prints from Leroy Poorman's original color slides.

DISCUSSION

In determining the scope of this paper, I decided that the inclusion of the known repositories of the Berry typological material would be of value. In this, the Poorman slides were again of considerable help since, for example, the slides of holotypes which had already been deposited at Stanford University were so noted. The catalogues of molluscan type specimens by Richards & Old 1969, Smith 1978, Sphon 1966, Sphon 1971, and Wilson & Kennedy 1967 were then consulted for further information on the location of Berry type material. Further, in the "LEAFLETS" 1(14):75 (July 19, 1957), Dr Berry wrote, "Holotypes of all the new forms, except as otherwise noted are intended to be deposited in the type-collection of the

Department of Paleontology, Stanford University. Paratypes are in the author's collection, although they will be shared as far as the material permits with the U.S. National Museum, San Diego Museum of Natural History, Los Angeles County Museum and perhaps some other collections."

From this beginning, a search was made to confirm the repositories of much of the type material and to locate additional Berry type material for species named in the "LEAFLETS." Dr. Berry frequently specified the intended recipients (museums) of the type material of the species he described. Using this information, inquiries were sent to those museums. Each institution was asked to check its collections for the type material in question. They were asked for the quantity of material for each species and their museum catalog numbers. The author personally checked the type collections of the San Diego Natural History Museum, Los Angeles County Museum of Natural History, Santa Barbara Museum of Natural History, and the California Academy of Sciences.

In reviewing the repositories for the Berry type material, it was learned that Dr. Berry sometimes deposited parts of a single type specimen in more than one collection. For the holotype of *Stenoplax isoglypta*, as an example, Dr. Berry (p.73) deposited one plate in the National Museum of Natural History (USNM 612205, sixth plate), one plate in Stanford University (SU 8649) (designated a paratype in earlier literature), and retained the remaining plates in his collection (Redlands 19160).

Further requests for information concerning other type material for species described in the "LEAFLETS" were also sent to the museums. In this regard, I received a reply from the Tromsø Museum to my request for information on a paratype of *Barbatia rostrata* which Dr. Berry had intended to deposit there. Dr. Wim Vader, Curator, kindly sent photographs of their specimen and its accompanying label. While the photographs indicate the specimen to be *Barbatia rostrata*, I have listed their specimen as "possible paratype" since proof of its status as a paratype is lacking.

The information in this paper on the cephalopod type material referred to in the "LEAFLETS" was obtained through the efforts of Dr. F.G. Hochberg of the Department of Invertebrate Zoology, Santa Barbara Museum of Natural History, who with Dr. Clyde Roper of the Department of Invertebrate Zoology, National Museum of Natural History, began organizing Dr. Berry's cephalopod type collection during August 1983. This type material was then sent to the National Museum of Natural History, Smithsonian Institution to be accessioned in their type collection (Hochberg, pers. comm). Mr. Mike Sweeney of the Department of Invertebrate Zoology of that institution provided me with their catalogue numbers for these specimens.

While all the material had been preserved as a wet collection, some had dried and one lot of 21 paratypes of *Octopus fitchi* has still not responded to museum efforts to reconstitute the specimens. This lot has not yet been catalogued (Mike Sweeney, pers. comm). Curiously, there are 31 paratypes of this species in the collections of the USNM and CAS and only 27 listed in the "LEAFLETS."

The location "Redlands" with the Berry collection number is listed for species noted by Dr. Berry for which I was unable to locate any repository. Table I is a summary of the cephalopod species described by Dr. Berry in the "LEAFLETS."

For the species listed below, the author was unable to locate the repository(ies) of the holotypes. Based on Dr. Berry's quoted statement above, I assumed that the holotypes of these species would have been deposited at Stanford University. Since the Berry material deposited at Stanford University is now on permanent loan at the California Academy of Sciences, Jules Hertz and I searched their collections for this material in December 1983. None of those listed below was located. They may still be in the Berry collection at Redlands though not so noted in the "LEAFLETS." I

have listed them as "?Redlands (no number given)." They are listed below in the order of their appearance in the "LEAFLETS."

<i>Aequipecten camerella</i>	<i>Crucibulum monticulus</i>
<i>Pteropurpura deroyana</i>	<i>Acanthotrophon sentus</i>
<i>Conus poormanii</i>	<i>Mitra (Subcancilla) phorminx</i>
<i>Conus chrysocestus</i>	<i>Oliva ionopsis</i>
<i>Rimula mexicana</i>	<i>Elaeocyma ricaudae</i>
<i>Turcica admirabilis</i>	<i>Elaeocyma baileyi</i>
<i>Crucibulum cyclopium</i>	<i>Siphonaria williamsi</i>

LIST OF GENERA PROPOSED IN THE "LEAFLETS"

The 19 genera proposed by S. Stillman Berry in the "LEAFLETS" are listed here. The generitypes are not figured except in those cases in which they also represent a Berry species named in the "LEAFLETS." A synonymy is not included for the genera.

GENUS	GENERITYPE	PAGE NUMBER IN "LEAFLETS"
<i>Stromboli</i>	<i>Fissurella beebei</i> Hertlein & Strong, 1951	70
<i>Tiphyocerma</i>	<i>Tiphyocerma preposterum</i> Berry, 1958	83
<i>Tiariturris</i>	<i>Tiariturris spectabilis</i> Berry, 1958	87
<i>Turrigemma</i>	<i>Turrigemma torquifer</i> Berry, 1958	88
<i>Hormospira</i>	<i>Pleurotoma maculosa</i> Sowerby, 1834	90
<i>Nomaeopelta</i>	<i>Acmaea dalliana</i> Pilsbry, 1891	91
<i>Stearnsium</i>	<i>Uvanilla regina</i> Stearns, 1892	92
<i>Lapsigyrus</i>	<i>Alvania contrerasi</i> Jordan, 1936	92
<i>Opeatostoma</i>	<i>Buccinum pseudodon</i> Burrow, 1815	93
<i>Mitromica</i>	<i>Mitra solitaria</i> C.B. Adams, 1852	94
<i>Hertleinella</i>	<i>Hertleinella leucostephes</i> Berry, 1958	95
<i>Calcitrapessa</i>	<i>Murex (Chicoreus) leeanus</i> Dall, 1890	113
<i>Pegmapex</i>	<i>Pegmapex phoebe</i> Berry, 1960	115
<i>Tellidorella</i>	<i>Tellidorella cristulata</i> Berry, 1963	140
<i>Crenimargo*</i>	<i>Crenimargo electilis</i> Berry, 1963	140
<i>Lunaia</i>	<i>Lunaia lunaris</i> Berry, 1964	148
<i>Trialatella</i>	<i>Trialatella cunninghamae</i> Berry, 1964	149
<i>Diptychophlia</i>	<i>Diptychophlia occata</i> (Hinds, 1844) as of Berry 1964	150
SUBGENUS		
<i>Bessomia</i>	<i>Thyca (Bessomia) callista</i> Berry, 1959	110

**Cymatioa* Berry, 1964:154, new name for *Crenimargo* Berry, 1963, not Cossmann, 1902.

TABLE I

SPECIES	YEAR/PAGE	TYPE	QUANTITY/SEX	REPOSITORY	TYPE LOCALITY
<i>Opisthotenthis californiana</i>	1949:23-26	H	female	SU 2173 [CAS 021666] Redlands 859	off Eureka Bar, California
		P	1 female		"
<i>Octopus rubescens</i>	1953:51-52	H	male	USNM 815709	South Coronado Island, Baja California, Mexico
		P	1 female	USNM 815710	"
		P	2 females,	USNM 815711	"
			3 juv. females,		
			3 juv. males,		
			5 juveniles		
		P	1 female,	USNM 815712	"
			1 juv. female		
		P	2 specimens	Redlands 972	"
<i>Octopus micropyrus</i>	1953:52-53	H	male	USNM 815704	La Jolla, California
		P	male	USNM 815705	"
		P	male	USNM 815706	"
<i>Octopus hubbsorum</i>	1953:53-54	H	male	Redlands 943	Outer Bahía San Carlos, Sonora, Mexico
		P	2 females	Redlands 926, 941	"
<i>Octopus fitchi</i>	1953:54-55	H	male	USNM 815713	Punta San Felipe, Baja California, Mexico
		P	1 male,	USNM 815714	"
			1 female		
		P	5 male,	USNM 815715	"
			2 female		
		P	6 male,	at USNM, not	"
			15 female	catalogued	
		P	1 female	CAS 024044	"
<i>Octopus alecto</i>	1953:56-57	H	male	USNM 815707	south of Estero Soldado, Sonora, Mexico
		P	1 female	USNM 815708	"
		P	1 male	Redlands 924	"
<i>Octopus veliger</i>	1953:57	H	male	USNM 815716	San Juanico, Baja California, Mexico
		P	2 females	Redlands 947	"
<i>Octopus penicillifer</i>	1954:66	H	male	USNM 815717	Punta Arena, Baja California, Mexico

FORMAT

Each Berry type shown here appears in the same sequence as in the "LEAFLETS" in the hope that this will facilitate the use of this paper as an illustrated companion to the original Berry work. Each entry is listed with its original orthography: an [H] or [P] next to the name indicates that the specimen figured is a holotype or paratype. The date, volume, and page number(s) of the original description appear beneath the species name followed by the dimensions of the holotype and the type locality.

The measurements of all but three species (*Nomaeopelta myrae*, *Muricanthus callidinus*, and *Pleuroliria artia*) are those given by Dr. Berry in the "LEAFLETS." The length dimension of the holotypes of the other three species, not given by Dr. Berry, are those of the author.

The repositories of the holotype and paratypes of each species are also listed, when known. Paratype material in private collections is not considered here since its ready availability for study by workers in the field cannot be assured. In the case of the type material which was donated to Stanford University (SU) and is now on permanent loan at the California Academy of Sciences; the Stanford University (SU) number appears first with the six-digit California Academy of Sciences (CAS) number appearing in brackets. In cases in which the specimen was deposited in the CAS prior to their current numbering system, the original CAS number appears first with the new six-digit number in brackets. Other holotypes are in the Berry collection at this time and are listed in the following pages as "Redlands" with the numbers assigned to them by Dr. Berry for his private collection.

A brief synonymy is included for the species, when applicable.

A chronological listing of titles by Dr. Berry in the "LEAFLETS" is on Page 41, and is followed by a bibliography and an index to the Berry species.

ABBREVIATIONS OF INSTITUTIONS

AMNH	American Museum of Natural History
BM(NH)	British Museum of Natural History
CAS	California Academy of Sciences
LACM	Los Angeles County Museum of Natural History
MCZ	Museum of Comparative Zoology, Harvard University
SBMNH	Santa Barbara Museum of Natural History
SDNHM	San Diego Natural History Museum
SU	Stanford University
TM	Tromsø Museum, Tromsø, Norway
USNM	National Museum of Natural History, Smithsonian Institution

ABBREVIATIONS USED

alt.	maximum altitude	long.	maximum longitude
ca.	approximately	l.v.	left valve
diam.	maximum diameter	mm	millimeter(s)
fide.	according to, in the belief of	P	paratype
fig(s).	figure(s)	p(p).	page(s)
H	holotype	r.v.	right valve
lat.	maximum latitude		

ACKNOWLEDGMENTS

I am indebted to many people for the help they gave me in the preparation of this paper. Foremost of these are Leroy and Forrest Poorman who made their slides and note cards available as well as giving me background information for the project.

The black and white prints and the original photographs of two of the type specimens were done by David K. Mulliner, to whom I record my special thanks.

My gratitude is extended to the following people who were kind enough to look for Berry type species in their respective institutions and provide me with catalogue numbers for those in their collections: Kenneth Boss and Carey Westermann (MCZ), William K. Emerson (AMNH), Joseph Rosewater (USNM), Paul Scott (SBMNH), Robert Van Syoc (CAS), Solene Morris (BMNH), and Wim Vader (TM).

I thank Eric Hochberg (SBMNH) who looked for the *Octopus* types at Dr. Berry's home and who sent me detailed information on what he found. My thanks also to Mike Sweeney (USNM) who was good enough to give me their catalogue numbers by phone when I belatedly realized I had neglected to request them.

Barry Roth, Helen DuShane, Eugene Coan, and A. Myra Keen were kind enough to help in locating the type of *Cirsotrema pentedesmium* for which I am grateful, and James H. McLean and Gale Sphon graciously made the LACM collections available to me to check type species. Barry Roth and Robert Van Syoc also gave generously of their time during my visit to the CAS to confirm types in their collection and secure their new catalogue numbers.

My appreciation goes to Anthony D'Attilio and George Hanselman who advised me on the muricid and chiton species respectively, and to my daughter, Suzanne Hertz, who designed and prepared the cover page.

I am indebted to James H. McLean for his encouragement and for his review of the paper. To Myra Keen who also reviewed the paper, offering helpful suggestions on the material deposited at Stanford University and on fine points in the text, I offer my sincere appreciation.

More than anyone, my gratitude goes to Jules Hertz; he not only encouraged me in the project but assumed the roles of critic and proofreader.

Without the help of these many people, this project could not have been undertaken and I am grateful to them for their assistance; however any errors in the paper are the responsibility of the author.

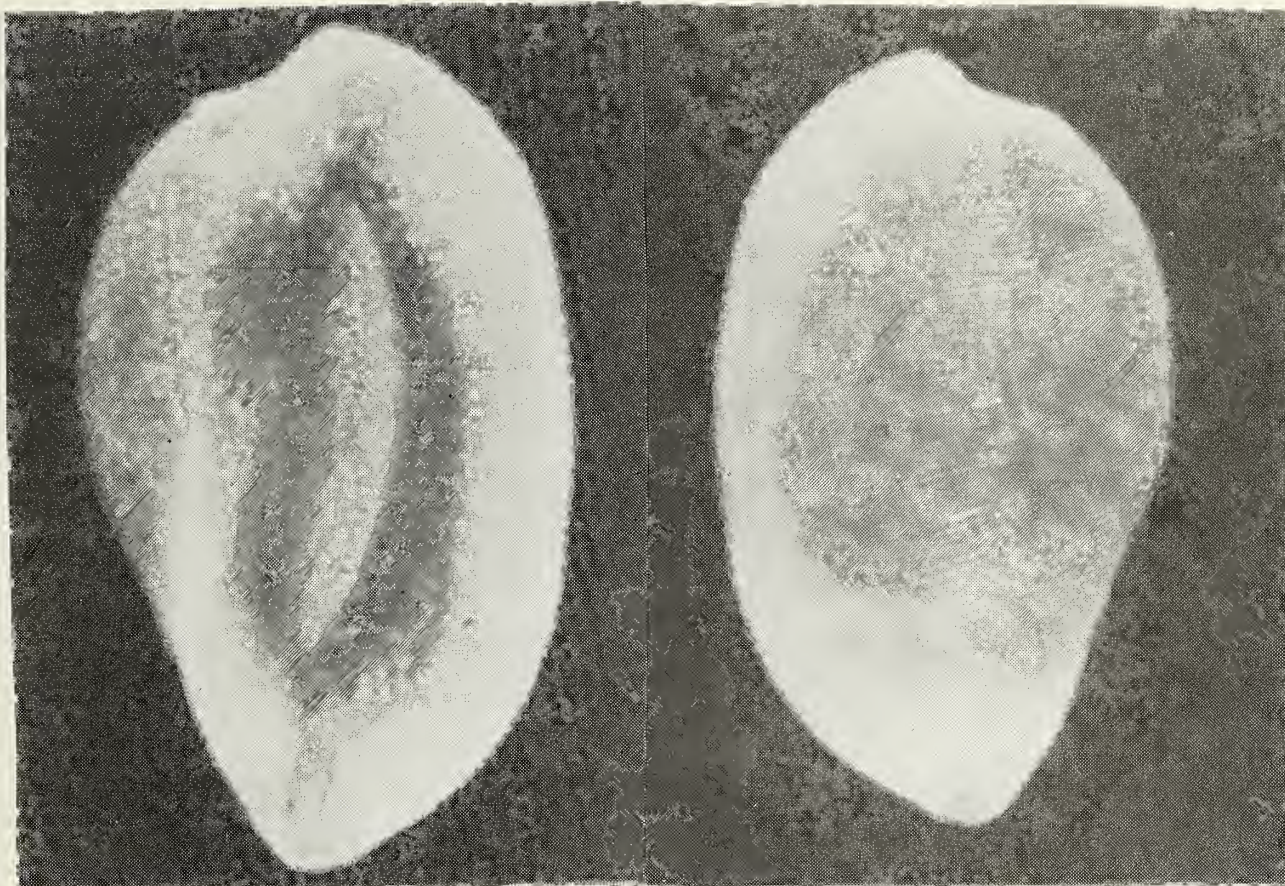


Figure 1. *Pedicularia (californica? phase or form?) ovuliformis* (interior and exterior) [P-SDNHM]

1946. 1:3-4, fig. 1 (p.1) (Nov. 4)
 Size: alt. 7.47; diam. 4.89 mm
 Type loc.: Farnsworth Bank, off Catalina Island, California
 Holotype: SU7848 [CAS 043924]
 Paratypes: SU7848a [CAS 043925], 1 specimen and coral
 SBMNH 10714, 1 specimen
 SDNHM 65537, 2 specimens
 43475, 1 specimen (juvenile) and coral
 [= *Pedicularia californica* Newcomb, 1864 fide Schmieder
 1980:382-383; 1982:272]



Figure 2. *Assiminea infima* [H]

1947. 1:5-8. figs. 1,2 (May 3)
 Size: alt. 2.66; diam. 1.92 mm
 Type loc.: Bad Water, Death Valley, California
 Holotype: SU 7849 [CAS 043916]
 Paratypes: SU 7849a [CAS 043917], 3 specimens
 CAS 028021, 293 specimens (wet)
 18 specimens (dry)
 SDNHM 43476, 2 specimens

Figure 3. *Lepidochitona keepiana* [H]

1948. 1:14-15 (Feb. 20)
 Size: long. 14.0; lat. 9.0 mm
 Type loc.: Newport Bay, California
 Holotype: Redlands 11992
 Paratypes: SU 7870 [CAS 043941], 1 specimen
 SDNHM 63264, 1 specimen
 44094, 1 specimen
 USNM 606755, 1 specimen

Figure 4. *Crepidula coei* [H]

1950. 1:35-38 (Nov. 14)
 Size: long. 21.7; lat. 15.1; alt. 10.2 mm
 Type loc.: Sunset Beach, Orange County, California
 Holotype: SU 9721 [CAS 036323]
 Paratypes: LACM 1008, 1 specimen
 MCZ 199666, 1 specimen
 SDNHM 12716, 1 specimen
 65483, 1 specimen
 USNM 606755, 1 specimen
 [=Crepidula (Crepidula) incurva (Broderip, 1834)
 fide Abbott 1974:142]

Figure 5. *Barbatia (Acar) rostrae* [H]

1954. 1:67-69 (July 1)
 Size: long. 21.6; alt. 12.8; lat. 11.3 mm
 Type loc.: Mazatlán, Sinaloa, Mexico
 Holotype: SU 7856 [CAS 043983], both valves
 Paratypes: MCZ 200053, 1 specimen
 TM 11979, (possible paratype,
 one specimen)
 [=Barbatia (Acar) gradata (Broderip & Sowerby,
 1829) fide Abbott 1974:422; =Barbatia rostrae
 Berry fide Bernard 1983:15]

Figure 6. *Nuttallina crossota* [H]

1956. 1:71-72 (July 9)
 Size: long. 9.4; lat. 4.3; alt. 2.0 mm*
 Type loc.: Puerto Peñasco, Sonora, Mexico
 Holotype: Redlands 15,133
 Paratypes: SU 8646 [CAS 043939], 1 specimen
 SDNHM 11398, 1 specimen (labelled
 "1251" on the foot)
 USNM 612207, 1 specimen

Figure 7. *Stenoplax circumsenta* [H]

1956. 1:72 (July 9)
 Size: long. 20.0; lat. 6.8; alt. 2.8 mm
 Type loc.: west of Isla Concha, Scammon's Lagoon,
 Baja California, Mexico
 Holotype: Redlands 13,602
 Paratypes: SU 8650 [CAS 043938], 1 plate
 USNM 612206, plate #6
 [= *Stenoplax corrugata* (Carpenter in Pilsbry,
 1892) fide Ferreira 1983:313]

Figure 8. *Stenoplax isoglypta* [H]

1956. 1:72-73 (July 9)
 Size: long. ca 16.8; lat. 7.5 mm*
 Type loc.: Isabel Island, Peru
 Holotype: USNM 612205, plate #6
 Redlands 19,160, 6 plates
 SU 8649 [CAS 043940], 1 plate
 [= *Radsiaella rugulata* (Sowerby, 1832) fide
 Thorpe in Keen 1971:869; = *Stenoplax*
rugulata (Sowerby, 1832) fide Abbott 1974:397;
 = ?*Ischnochiton isoglypta* fide Hanselman 1983
 (pers. comm)]

* measurement not specified as that of the holotype.

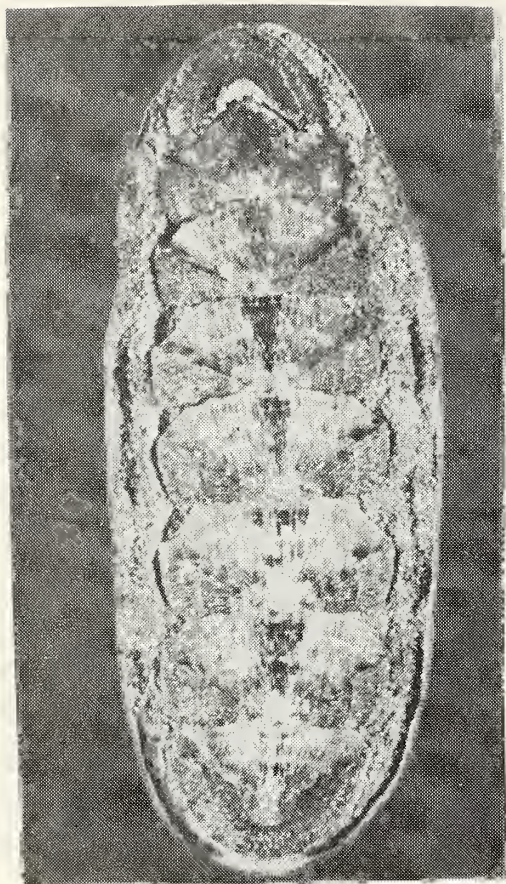


Figure 9. *Stenoplax (Maugerella) conspicua sonorana* [H]

1956. 1:73-74 (July 9)
 Size: long. 54.6; lat. 21; alt. 6.4 mm
 Type loc.: Puerto Peñasco, Sonora, Mexico
 Holotype: Redlands 15,131
 Paratypes: SU 8647 [CAS 043942], 2 specimens
 SDNHM 49298, 8 plates and body dried
 separately
 USNM 612209, 3 specimens
 [= *Stenoplax conspicua sonorana* fide Thorpe in
 Keen 1971:871]



Figure 10. *Lepidozonia subtilis* [H]

1956. 1:74 (July 9)
 Size: long. 13.2; lat. 8.0; alt. 2.4 mm
 Type loc.: Puerto Peñasco, Sonora, Mexico
 Holotype: Redlands 15,132
 Paratypes: SU 8648 [CAS 043943], 2 specimens
 SDNHM 11399, 5 specimens
 USNM 612208, 5 specimens

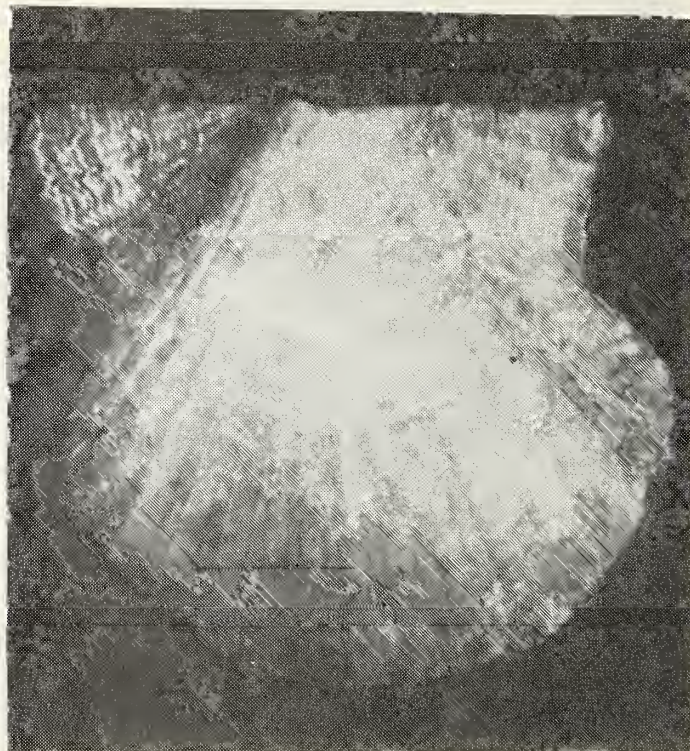


Figure 11. *Pecten (Leptopecten) euterpes* [H]

1957. 1:75-76 (July 19)
 Size: long. 7.4; alt. 7.1; diam. 2.0 mm
 Type loc.: off Acapulco, Guerrero, Mexico
 Holotype: SU 8505 [CAS 043977], both valves
 [= *Leptopecten (Leptopecten) euterpes* (Berry) fide Keen
 1971:91; = *Leptopecten euterpes* fide Bernard
 1983:25]

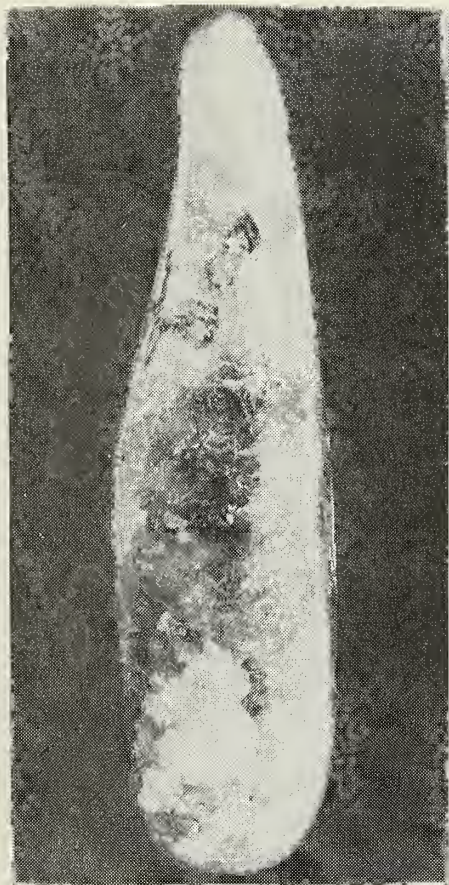


Figure 12. *Lithophaga (Labis) attenuata rogersi* [H]
 1957. 1:76 (July 19)
 Size: long. 71.6; of shell only 62.8 mm
 Type loc.: Cholla Cove, Bahía de Adair, Sonora, Mexico
 Holotype: SU 8506 [CAS 032072], both valves
 Paratypes: LACM 1117, 6 specimens
 SBMNH 01726, 1 specimen [1 other specimen missing or listed in error in Sphon 1966 (Scott, pers. comm)]
 [=*Lithophaga rogersi* fide Bernard 1983:21]

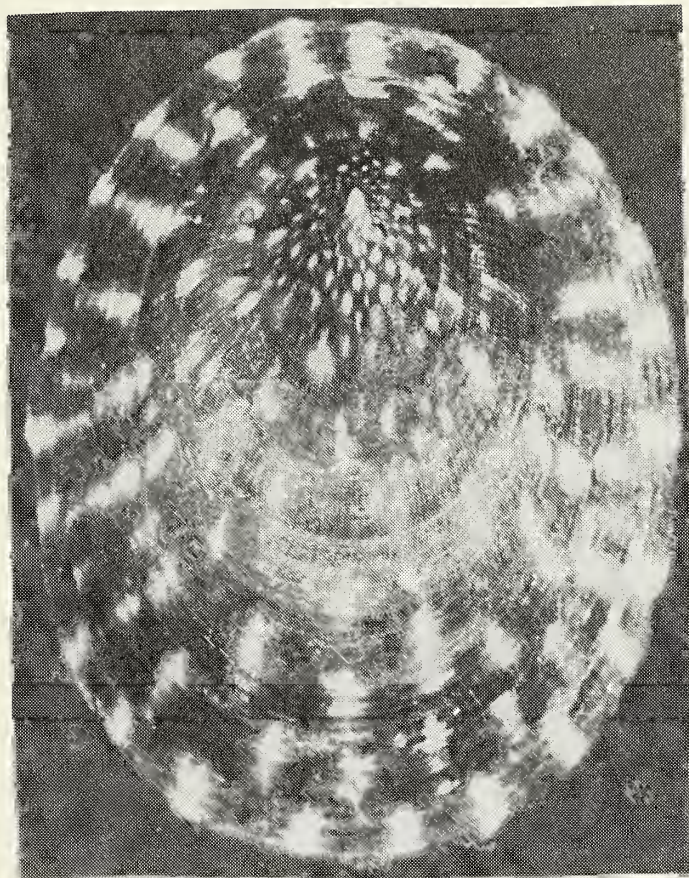


Figure 13. "*Acmaea*" *stanfordiana* [H]
 1957. 1:76-77 (July 19)
 Size: long. 27.4; lat. 21.2; alt. 4.2 mm
 Type loc.: Pelican Point, Sonora, Mexico
 Holotype: SU 8507 [CAS 043932]
 Paratypes: LACM 1012, 3 specimens
 [=*Collisella stanfordiana* (Berry) fide McLean in Keen 1971:325; =*Acmaea (Nomaopelta) stanfordiana* Berry fide Abbott 1974:34]

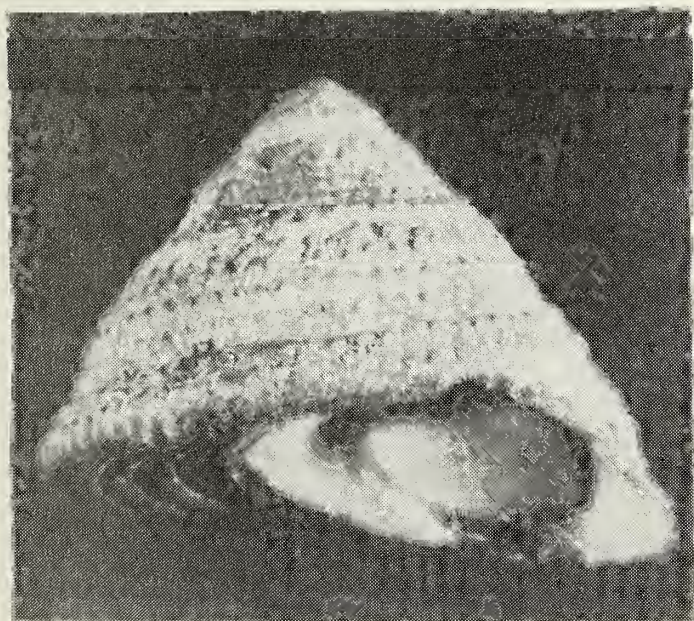


Figure 14. *Astraea guadalupeana* [H]
 1957. 1:77 (July 19)
 Size: alt. 23.5; diam. (base) 29.7 mm
 Type loc.: off Guadalupe Island, Baja California, Mexico
 Holotype: SU 8508 [CAS 043914]
 Paratypes: SDNHM 9082, 2 specimens and 1 operculum
 [=*Astraea gibberosa* (Dillwyn, 1817) fide McLean in Keen 1971:355; fide Abbott 1974:59-60]

Figure 15. *Turritella anactor* [H]

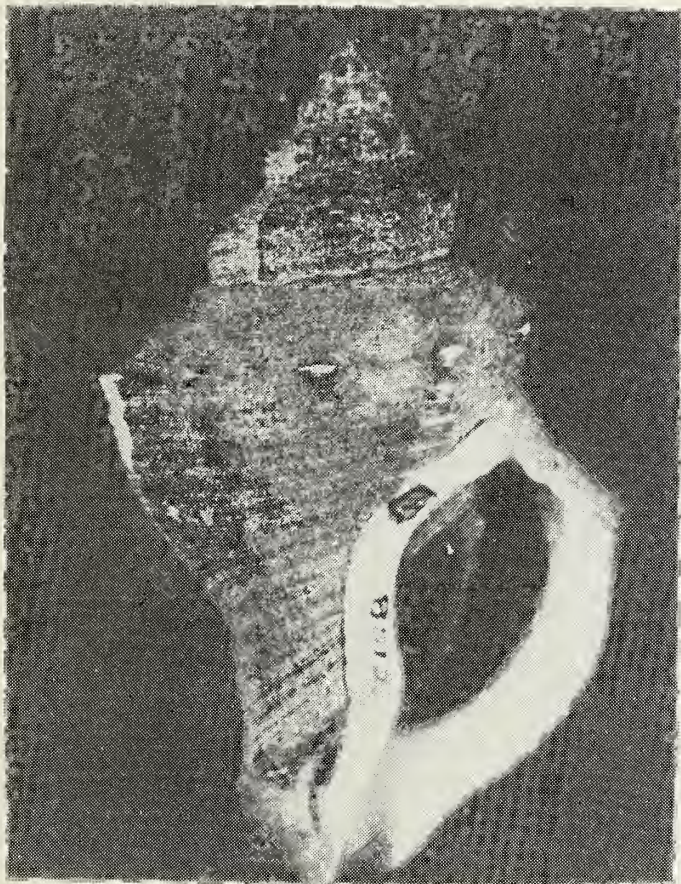
1957. 1:78 (July 19)
 Size: alt. 122+; diam. 30.4 mm
 Type loc.: San Felipe, Baja California, Mexico
 Holotype: SU 8509 [CAS 043987]
 Paratypes: SU 8509a [CAS 043988], 1 specimen
 AMNH 106035, 1 specimen
 LACM 1447, 1 specimen
 SBMNH 11963, 13 specimens
 11964, 16 specimens
 11970, 1 specimen
 50945, [missing, possibly in
 fire, (Scott, pers. comm.)]
 SDNHM 12005, 2 specimens

Figure 16. *Acanthina tyrianthina* [H]

1957. 1:78-79 (July 19)
 Size: alt. 27.3; diam. 18.3 mm
 Type loc.: Man-of-War Cove, Bahía Magdalena,
 Baja California, Mexico
 Holotype: SU 8510 [CAS 043935]
 Paratypes: SDNHM 9085, 5 specimens
 LACM 1007, 1 specimen

Figure 17. *Hanetia macrospira* [H]

1957. 1:79-80 (July 19)
 Size: alt. 46.4; diam. 28.1 mm
 Type loc.: San Felipe, Baja California, Mexico
 Holotype: SU 8511 [CAS 043920]
 Paratypes: SDNHM 9084, 2 specimens
 [=Solenosteira macrospira (Berry) fide Keen 1971:563]

Figure 18. *Hanetia capitanea* [H]

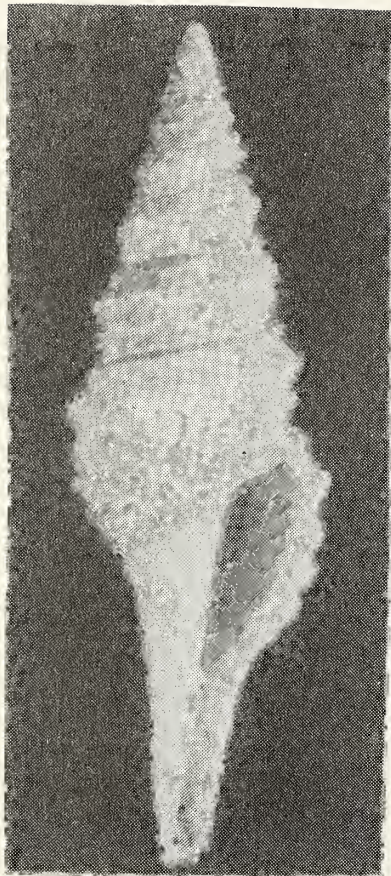
1957. 1:80 (July 19)
 Size: alt. 56.2; diam. 32.6 mm
 Type loc.: San Felipe, Baja California, Mexico
 Holotype: SU 8512 [CAS 043995]
 [=*Solenosteira capitanea* (Berry) fide Keen 1971:
 563; =*Cantharus pallidus* (Broderip & Sowerby,
 1829) fide Abbott 1974:220]

Figure 19. *Mitra semiusta* [H]

1957. 1:80-81 (July 19)
 Size: alt. 72.1; diam. 24.0 mm
 Type loc.: off Point Conception, Santa Barbara
 County, California
 Holotype: SU 8513 [CAS 043929]
 Paratypes: SBMNH 06272, 1 specimen
 SDNHM 9088, 2 specimens
 [=*Mitra idae* Melvill, 1893 fide Abbott 1974:237]

Figure 20. *Pleuroliria parthenia* [H]

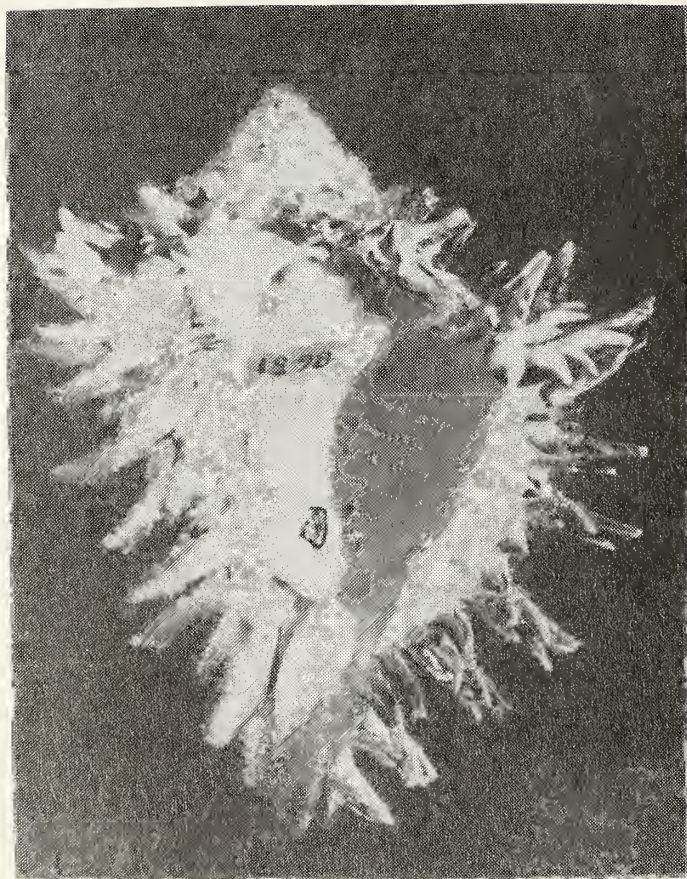
1957. 1:81-82 (July 19)
 Size: alt. 30.4; diam. 8.5 mm
 Type loc.: off Isla Tortugas, Gulf of Nicoya,
 Costa Rica
 Holotype: SU 8514 [CAS 043926]
 Paratype: SDNHM 9090, 1 specimen
 [=*Polystira oxytropis* (Sowerby, 1834) fide
 McLean in Keen 1971:708; =*Polystira*
parthenia (Berry) fide Abbott 1974:267]

Figure 21. *Pleuroliria artia* [H]

1957. 1:82 (July 19)
 Size: alt. 35.0 mm
 Type loc.: off Angel de la Guarda Island,
 Gulf of California, Mexico
 Holotype: SU 8515 [CAS 043989]
 Paratypes: SDNHM 9083, 3 specimens
 [=Polystira oxytropis (Sowerby, 1834) fide
 McLean in Keen 1971:708; =Polystira artia (Berry)
 fide Abbott 1974:267]

Figure 22. *Tiphyocerma preposterum* [H]

1958. 1:83-84 (Mar. 28)
 Size: alt. 3.14; diam. 1;50 mm
 Type loc.: Puerto Peñasco, Sonora, Mexico
 Holotype: Redlands 17,383
 [=Rissoina (Tiphyocerma) preposterum fide Keen
 1971:375]

Figure 23. *Muricanthus callidinus* [H]

1958. 1:84 (Mar. 28)
 Size: alt. 82.45 mm
 Type loc.: Bahía Culebra, Costa Rica
 Holotype: SU 8651 [CAS 043992]
 [=Muricanthus radix (Gmelin, 1791) fide Radwin
 & D'Attilio 1976:77; D'Attilio 1981:13]

Figure 24. *Olivella (Olivella) fletcheri* [H]

1958. 1:85 (Mar. 28)
 Size: alt. 9.6; diam. 3.5 mm
 Type loc.: Cholla Cove, Bahía de Adair,
 Sonora, Mexico
 Holotype: SU 8652 [CAS 043911]

Figure 25. *Olivella (Macgintiella) walkeri* [H]

1958. 1:85-86 (Mar. 28)
 Size: alt. 10.5; diam. 5.2 mm
 Type loc.: west of Las Tetas de Cabra, Sonora, Mexico
 Holotype: Redlands 25,673
 [= *Olivella (Olivella) walkeri* fide Keen 1971:629]

Figure 26. *Gemmula hindsiana* [H]

1958. 1:86 (Mar. 28)
 Size: alt. 18.0; diam. 5.3 mm
 Type loc.: "Probably off San Jose Id.
 Gulf of California ("Orca")"
 Holotype: SDNHM 47501

Figure 27. *Tiariturris spectabilis* [H]

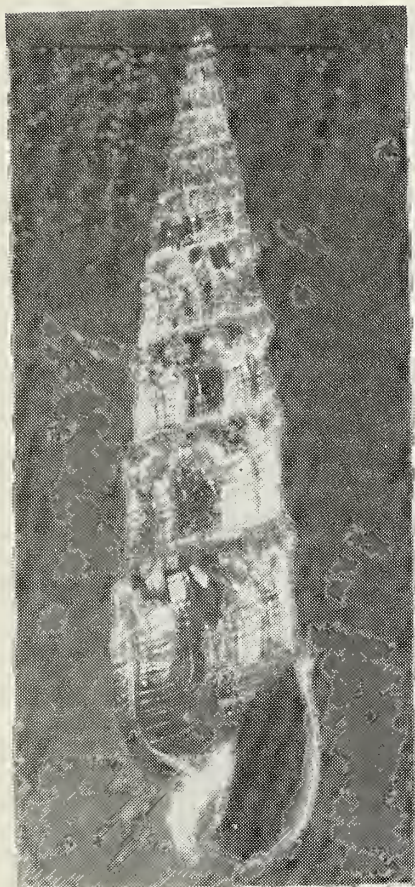
1958. 1:87 (Mar. 28)
 Size: alt. 62.6; diam. 19.7 mm
 Type loc.: off Isla Angel de la Guarda,
 Baja California, Mexico
 Holotype: SDNHM 98600
 [=Hormospira (*Tiariturris*) *spectabilis* (Berry)
 fide Abbott 1974:262]

Figure 28. *Knefastia walkeri* [H]

1958. 1:87-88 (Mar. 28)
 Size: alt. 67.3+; diam. 23.1 mm
 Type loc.: off Isla Angel de la Guarda,
 Baja California, Mexico
 Holotype: SU 9720 [CAS 043937]

Figure 29. *Turrigemma torquifer* [H]

1958. 1:88-89 (Mar. 28)
 Size: alt. 39.2; diam. 12.0 mm
 Type loc.: off Isla Angel de la Guarda,
 Baja California, Mexico
 Holotype: Redlands 17,500
 [=Hindsiclava Olsson 1964:96; Emerson &
 Radwin 1969:149; =Hindsiclava andromeda
 (Dall, 1919) fide McLean in Keen 1971:724]

Figure 30. *Terebra (Strioterebrum) fitchi* [H]

1958. 1:89-90 (Mar. 28)
 Size: alt. 34.3; diam. 7.9 mm
 Type loc.: Bahía Santa María, Isla Magdalena,
 Baja California, Mexico
 Holotype: SU 8653 [CAS 032108]
 [= *T. tiarella* Deshayes, 1857 fide Campbell
 1964:132-138; Keen 1971:684]

Figure 31. *Hertleinella leucostephes* [H]

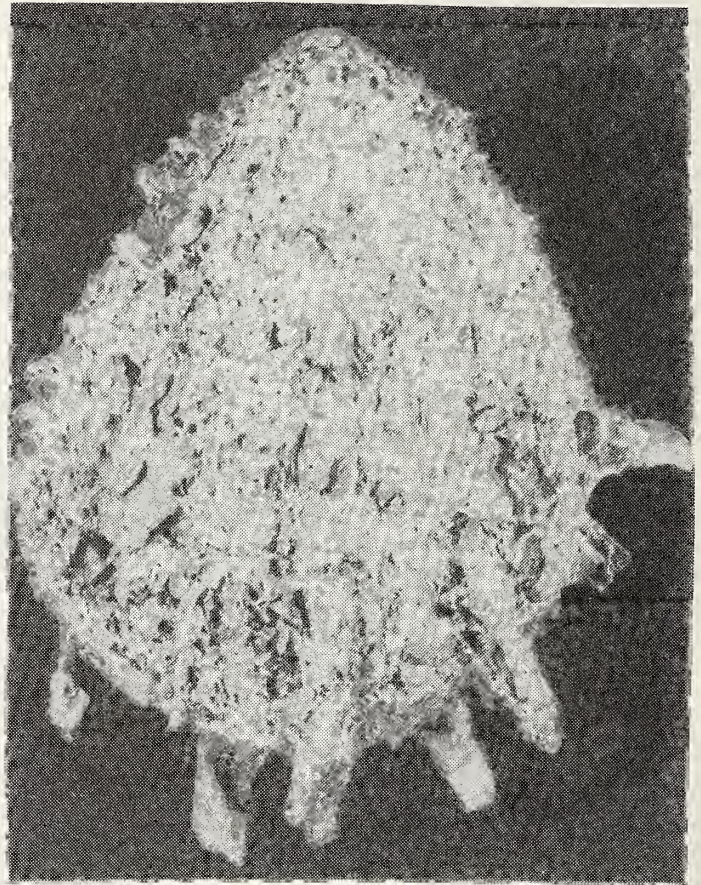
1958. 1: 95-96 (May 31)
 Size: alt. 32.7; diam. 16.9 mm
 Type loc.: off east side of Cedros Island,
 Baja California, Mexico
 Holotype: SU 8654 [CAS 043918]
 [= *Calotrophon turritus* (Dall, 1919) fide McLean &
 Emerson 1970:57-62; McLean in Keen 1971:530;
 fide Abbott 1974:188]

Figure 32. *Terebra (Strioterebrum) danai* [H]

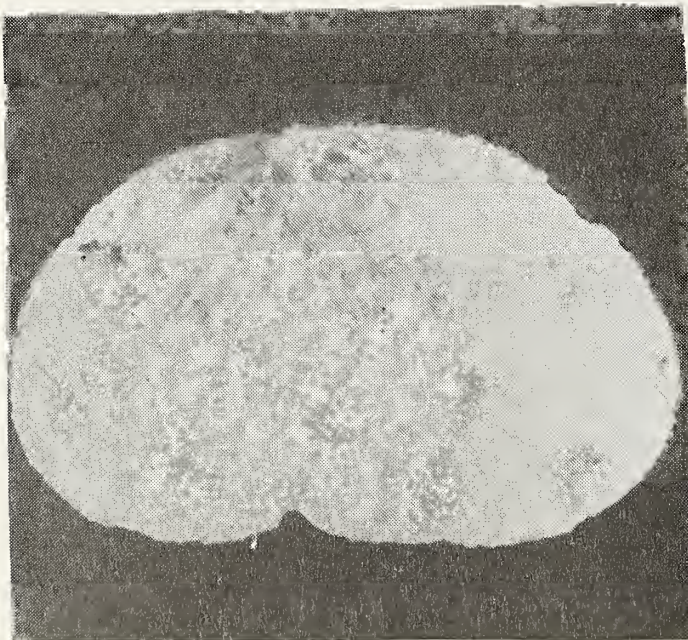
1958. 1:96-97 (May 31)
 Size: alt. 31.4; diam. 8.6 mm
 Type loc.: East San Pedro, California
 Holotype: SU 8655 [CAS 043909]
 Paratype: LACM 1463, 1 specimen

Figure 33. *Botula cylista* [H]

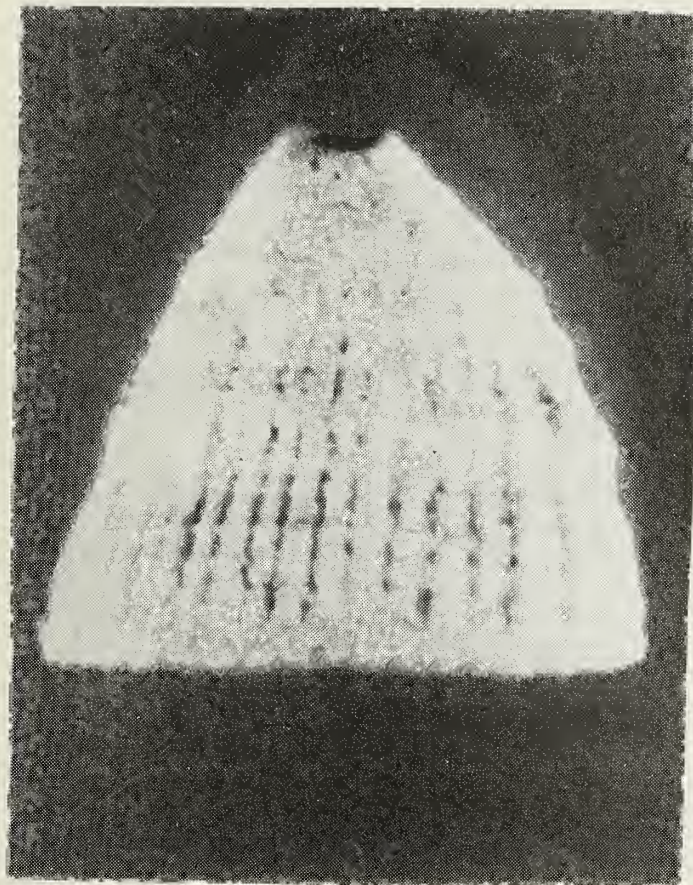
1959. 1:107 (July 29)
 Size: long. 26.0; alt. 12.0; diam. 13.6 mm
 Type loc.: Las Gaviotas Beach, Mazatlán, Sinaloa, Mexico
 Holotype: SU 8584 [CAS 043975], both valves
 Paratype: SDNHM 42803, 1 specimen

Figure 34. *Spondylus ursipes* [R]

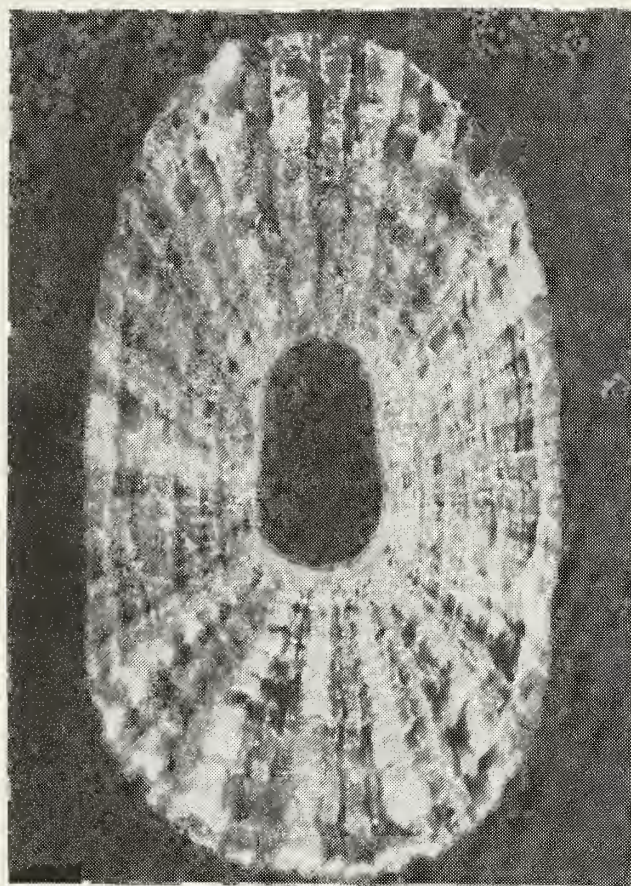
1959. 1:107-108 (July 29)
 Size: alt. 126; long. 98 mm
 Type loc.: off Isla Angel de la Guarda,
 Baja California, Mexico
 Holotype: SU 8585 [CAS 043984], both valves
 [= *Spondylus calcifer* Carpenter, 1857 fide Abbott
 1974:451; = *Spondylus ursipes* Berry fide
 Bernard 1983:27]

Figure 35. *Galeomma (Lepiroides?) mexicanum*

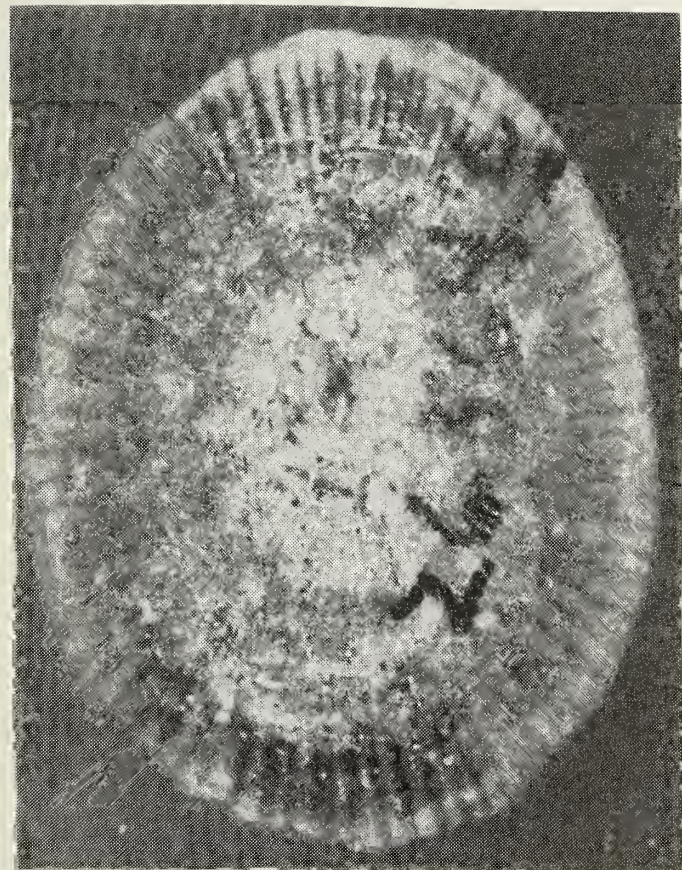
1959. 1:108-109 (July 29)
 Size: long. 5.9; alt. 3.7 mm
 Type loc.: Bahía San Luis Gonzaga, Baja
 California, Mexico
 Holotype: SU 8586 [CAS 043981], right valve
 Paratype: SDNHM 42813, 1 valve
 [= *Tryphomax mexicanus* fide Keen 1971:135;
 Bernard 1983:30]

Figure 36. *Diodora pusilla* [H]

1959. 1:109 (July 29)
 Size: long. 3.8; lat. 2.5; alt. 3.6 mm
 Type loc.: off Acapulco, Guerrero, Mexico
 Holotype: SU 8587 [CAS 043928]
 Paratypes: SDNHM 42804, 3 specimens
 LACM 1721, 1 specimen

Figure 37. *Lucapinella milleri* [H]

1959. 1:109 (July 29)
 Size: long. 8.6; lat. 4.6 mm
 Type loc.: Puertecitos, Baja California,
 Mexico
 Holotype: SU 8588 [CAS 036324]
 Paratype: SDNHM 42811, 1 specimen

Figure 38. *Nomaeopelta myrae* [H]

1959. 1:109-110 (July 29)
 Size: long. 15+ mm
 Type loc.: Las Gaviotas Beach, Mazatlán, Sinaloa, Mexico
 Holotype: SU 8589 [CAS 043923]
 Paratypes: SDNHM 42898, 3 specimens
 [=Notoacmaea fascicularis (Menke, 1851) fide McLean
 in Keen 1971:327]



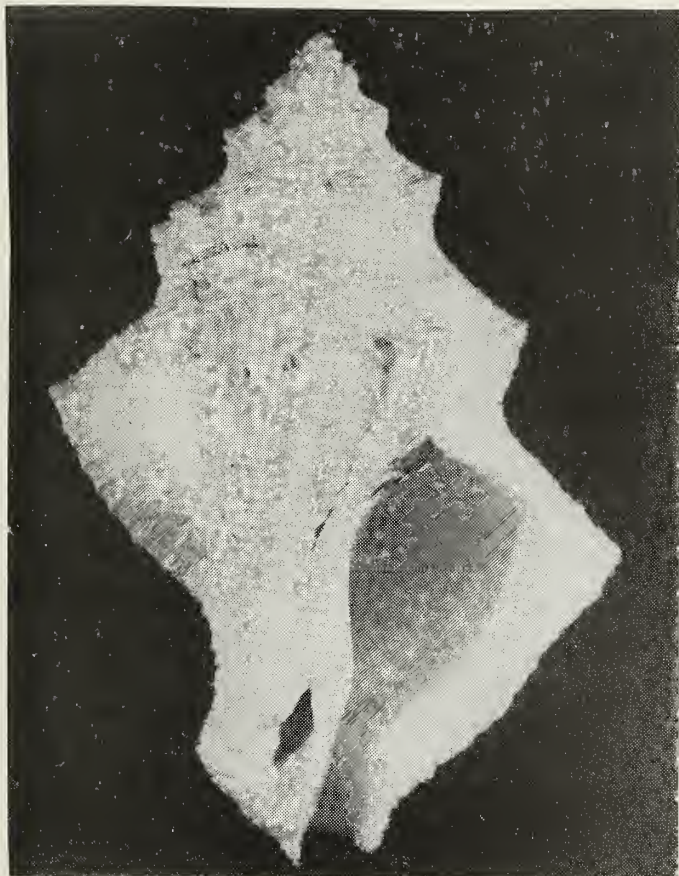
Figure 39. Exterior and interior of *Thyca (Bessomia) callista* [H]

1959. 1:110-111 (July 29)
 Size: long. 7.4; lat. 5.4; alt. 3.1 mm
 Type loc.: Bahía San Carlos, Sonora, Mexico
 Holotype: LACM 1120
 Paratype: SU 8572 [CAS 043993], 1 specimen



Figure 40. *Cantharus shaskyi* [H]

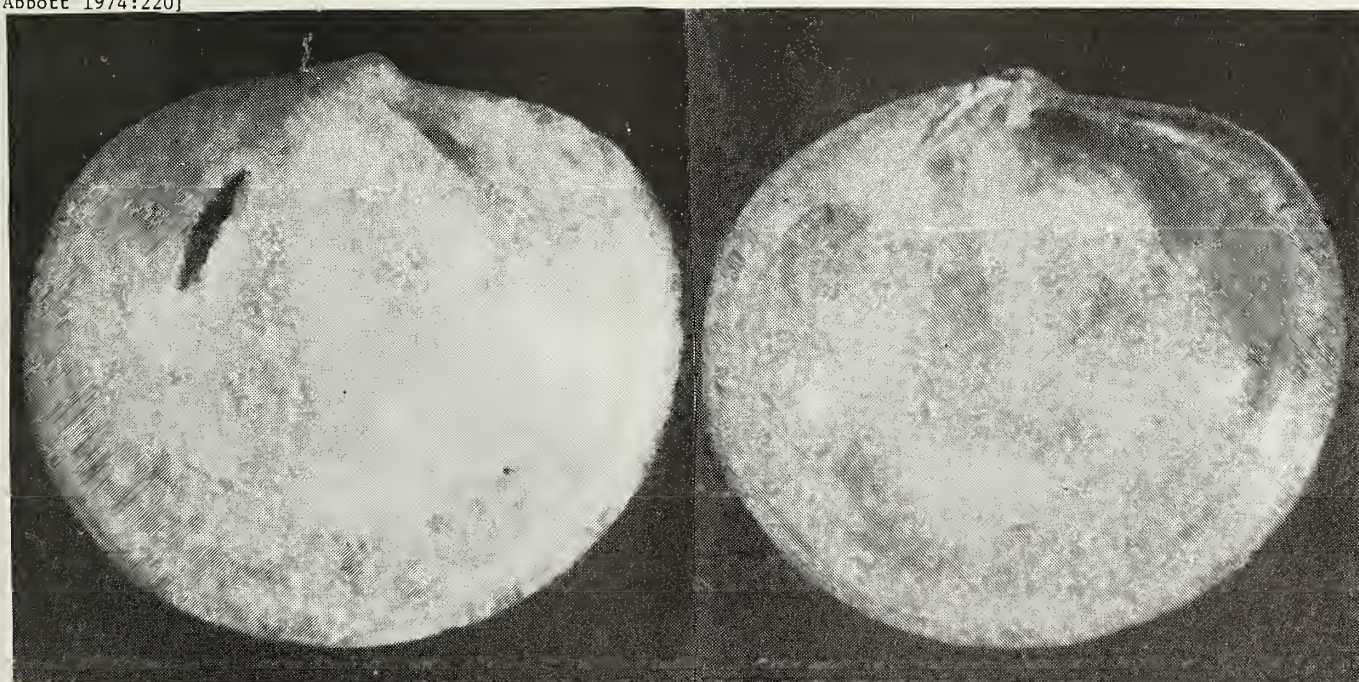
1959. 1:111 (July 29)
 Size: alt. 44.1; diam. 24.6 mm
 Type loc.: near Guaymas, Sonora, Mexico
 Holotype: SU 8590 [CAS 043930]

Figure 41. *Hanetia mendozana* [H]

1959. 1:111-112 (July 29)
 Size: alt. 61.8; diam. 41.3 mm
 Type loc.: region of Magdalena Bay, Baja California, Mexico
 Holotype: SU 8591 [CAS 043921]
 Paratype: SDNHM 42805, 1 specimen
 [= *Solenosteira mendozana* fide Keen 1971:563;=
Cantharus (Solenosteira) mendozanus (Berry) fide
 Abbott 1974:220]

Figure 42. *Terebra (Strioterebrum) puncturosa* [H]

1959. 1:112-113 (July 29)
 Size: alt. 30.3; diam. 7.5 mm
 Type loc.: Bahía Santa Maria, Isla Magdalena, Baja California, Mexico
 Holotype: SDNHM 45962

Figure 43. *Pegmapea phoebe* [H]
 (interior and exterior of left valve)

1960. 1:115 (Dec. 31)

Size: long. 6.07; alt. 5.4; diam. 2.7 mm
 Type loc.: Las Gaviotas Beach, Mazatlán, Sinaloa, Mexico
 Holotype: SU 9515 [CAS 043982], left valve
 Redlands 26,488, right valve
 [= *Phlyetiderma (Pegmapea) phoebe* fide Keen 1971:131]

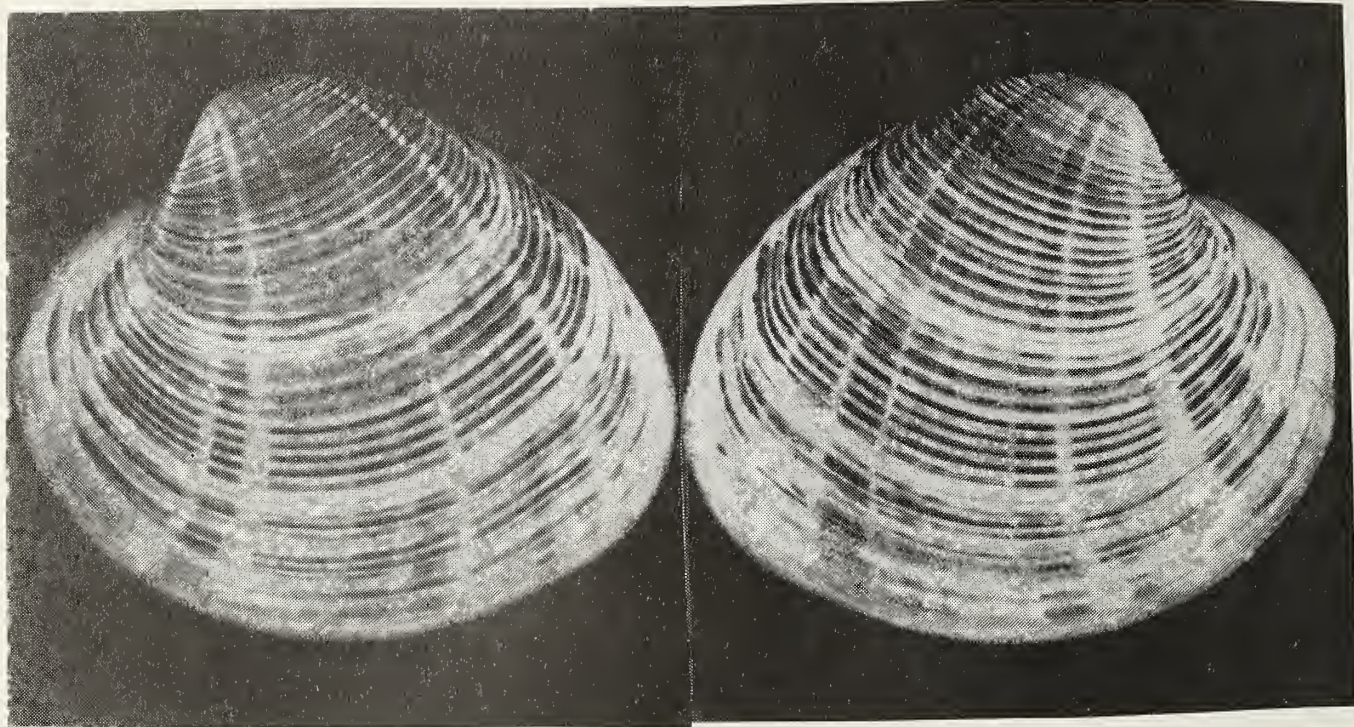


Figure 44. *Pitar (Lamelliconcha) hesperius* [H]

1960. 1:115-116 (Dec. 31)
 Size: long. 42.3; alt. 37.2; diam. 25.0 mm
 Type loc.: Mazatlán, Sinaloa, Mexico
 Holotype: SU 9516 [CAS 043978], right valve
 Redlands 28,065, left valve

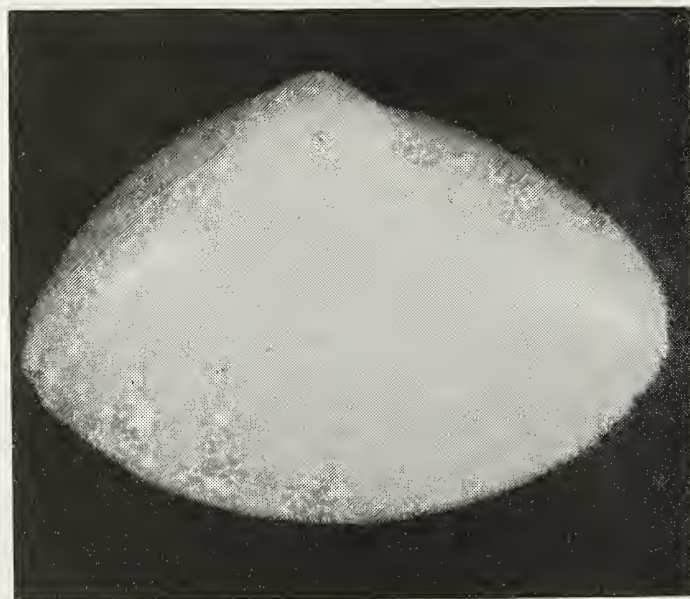


Figure 45. *Mactra (Mactra) williamsi* (right valve) [H]

1960. 1:116-117 (Dec. 31)
 Size: long. 14.7; alt. 10.3; diam. 3.0 mm
 Type loc.: off La Libertad, Ecuador
 Holotype: SU 9517 [CAS 043985], right valve

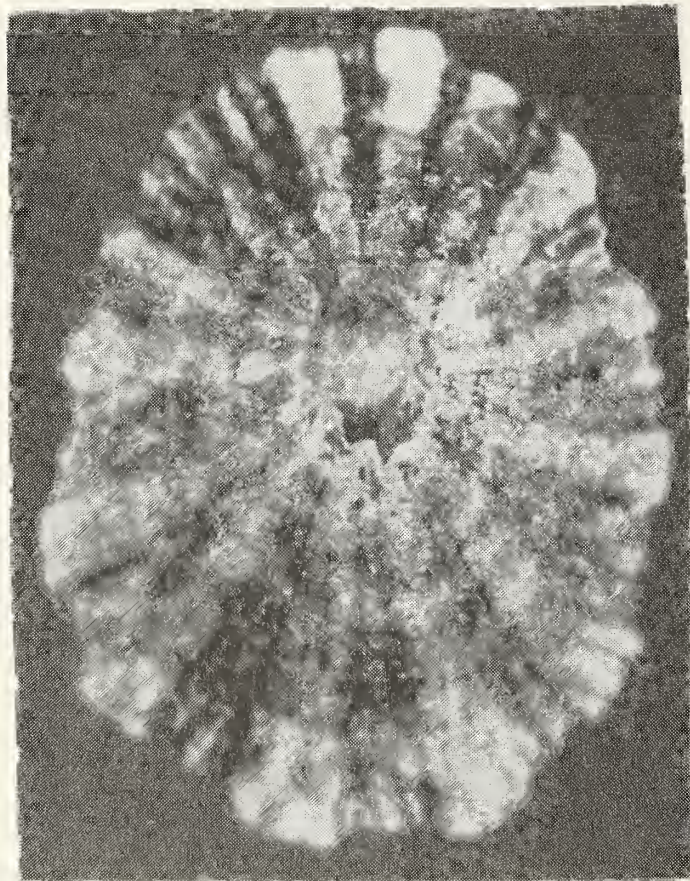
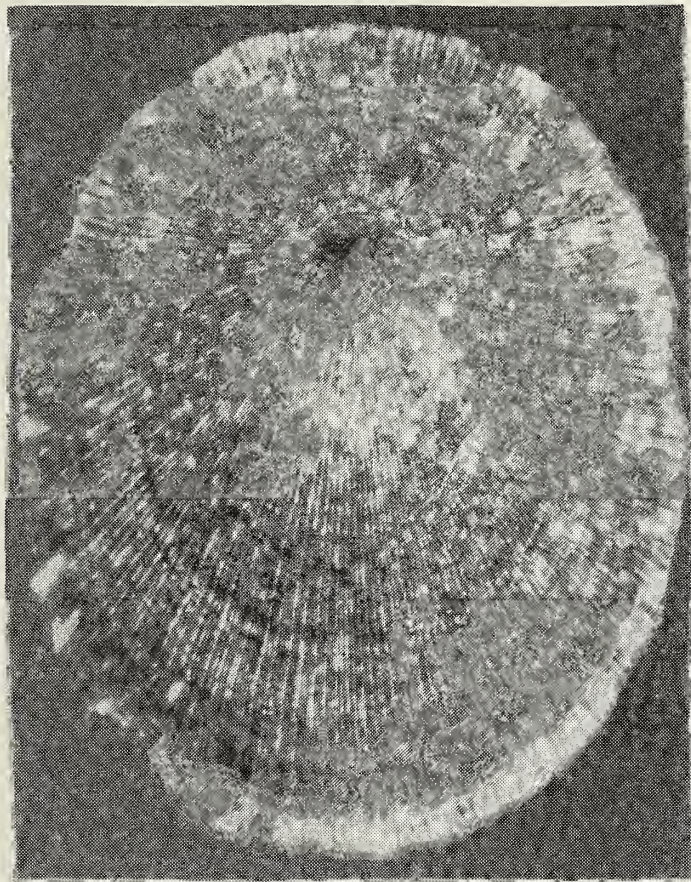


Figure 46. "*Acmaea*" *acutapex* [H]

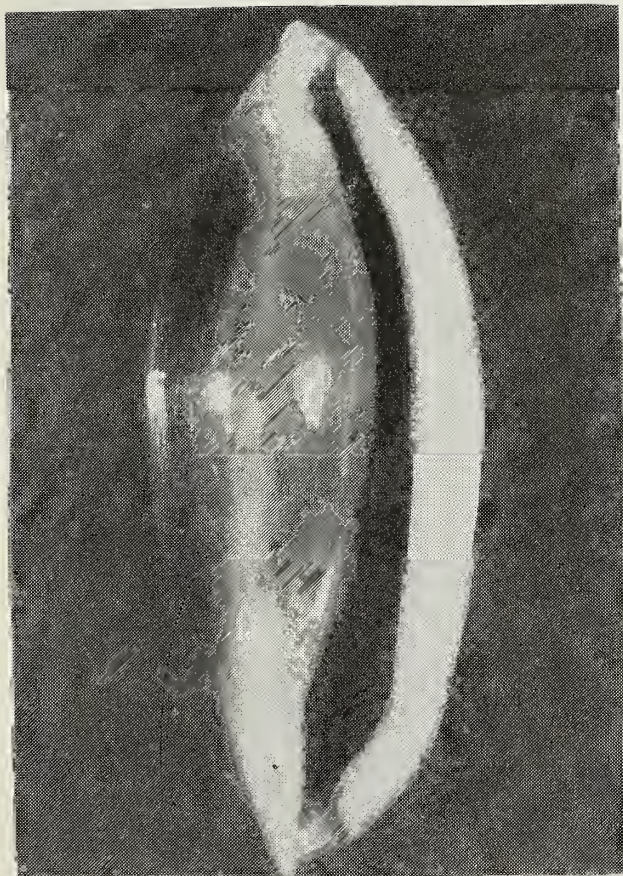
1960. 1:117 (Dec. 31)
 Size: long. 11.5; lat. 8.6; alt. 5.3 mm
 Type loc.: Punta Cholla, west of Puerto Peñasco,
 Sonora, Mexico
 Holotype: SU 9507 [CAS 043986]
 Paratypes: SDNHM 42809, 5 specimens
 LACM 1876, 4 specimens
 [= *Collisella acutapex* fide McLean in Keen 1971:323;
 = *Acmaea (Collisella) acutapex* Berry fide Abbott 1974:33]

Figure 47. "*Acmaea*" *goodmani* [H]

1960. 1:117-118 (Dec. 31)
 Size: long. 30.6; lat. 25.0; alt. 5.9 mm
 Type loc.: ca. 1 mile north of Puertecitos,
 Baja California, Mexico
 Holotype: SU 9508 [CAS 043913]
 Paratypes: SDNHM 42897, 3 specimens
 [= *Collisella stanfordiana* (Berry, 1957) fide
 McLean in Keen 1971:325]

Figure 48. "*Acmaea*" *gabatella* [H]

1960. 1:118 (Dec. 31)
 Size: long. 4.3; lat. 3.5; alt. 0.9 mm
 Type loc.: off Reef Point, Orange County,
 California
 Holotype: SDNHM 50945
 Paratypes: SDNHM 42810, 6 specimens
 [= *Acmaea depicta* (Hinds, 1842) fide Abbott
 1974:32; = *Notoacmaea depicta* (Hinds, 1842)
 fide Lindberg 1980:267]

Figure 49. *Neosimnia vidleri tyrianthina* [H]

1960. 1:118 (Dec. 31)
 Size: long. 13.8; lat. 5.4 mm
 Type loc.: Cholla Cove, Sonora, Mexico
 Holotype: SU 9509 [CAS 043936]
 Paratypes: SDNHM 42812, 2 specimens
 [= *Simnia aequalis* (Sowerby, 1832) fide Keen 1971:497]

Figure 50. *Bursa californica sonorana* [H]

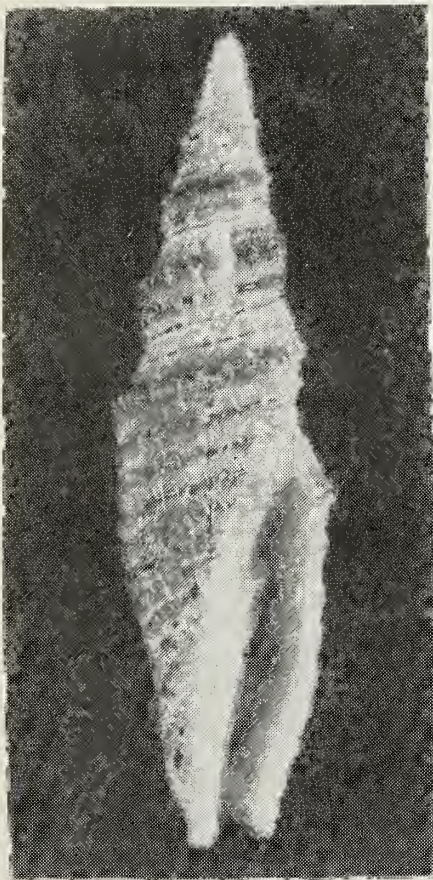
1960. 1:118-119 (Dec. 31)
 Size: alt. 99.3; diam. 62.0 mm
 Type loc.: near Guaymas, Sonora, Mexico
 Holotype: SU 9510 [CAS 043931]
 Paratype: SDNHM 42802, 1 specimen

Figure 51. *Murex (Murex) tricornis* [H]

1960. 1:119 (Dec. 31)
 Size: alt. 46.2; diam. 17.6 mm
 Type loc.: off Cedros Village, Cedros Island,
 Baja California, Mexico
 Holotype: SU 9511 [CAS 043934]
 [=Murex (Murex) recurvirostris tricornis Berry
 fide Keen 1971:514; =Murex elenensis Dall, 1909
 fide Radwin & D'Attilio 1976:66; =Murex tricornis
 Berry fide D'Attilio & Hertz 1979:60]

Figure 52. *Coralliophila incoapta* [H]

1960. 1:119-120 (Dec. 31)
 Size: alt. 33.5; diam. 20.3 mm
 Type loc.: off Puerto Refugio, Isla Angel de la
 Guarda, Baja California, Mexico
 Holotype: SU 9512 [CAS 043915]
 [=Attiliosa incoapta (Berry) fide Emerson 1968:379;
 =Calotrophon (Attiliosa) incoapta (Berry) fide Keen
 & Coan 1975:30; =Attiliosa incoapta (Berry) fide
 Radwin & D'Attilio 1976:26; =Attiliosa nodulosa
 (A. Adams, 1855) fide Radwin (posth.) & D'Attilio
 1978:132; fide Vokes & D'Attilio 1982:69]

Figure 53. *Mitra (Tiara) directa* [H]

1960. 1:120-121 (Dec. 31)
 Size: alt. 32.1; diam. 8.2 mm
 Type loc.: off Cabo Haro, Sonora, Mexico
 Holotype: SU 9513 [CAS 043910]
 Paratype: SDNHM 42806, 1 specimen
 [= *Subcancilla directa* (Berry) fide Keen 1971:644;
 = *Subcancilla attenuata* (Broderip, 1836) fide
 Abbott 1974:238]

Figure 54. *Mitra (Tiara) calodinota* [H]

1960. 1:121 (Dec. 31)
 Size: alt. 27.1; diam. 8.7 mm
 Type loc.: off Islas Tortugas, Gulf of Nicoya,
 Costa Rica
 Holotype: SU 9836 [CAS 043994]
 [= *Subcancilla calodinota* (Berry) fide Keen 1971:644;
 = *Subcancilla erythrogramma* (Tomlin, 1931) fide
 Abbott 1974:238]

Figure 55. *Mitra (Tiara) lindsayi* [H]

1960. 1:122 (Dec. 31)
 Size: alt. 22.9; diam. 7.9 mm
 Type loc.: off Puerto Peñasco, Sonora, Mexico
 Holotype: SDNHM 42863
 [= *Subcancilla lindsayi* (Berry) fide Keen 1971:645]

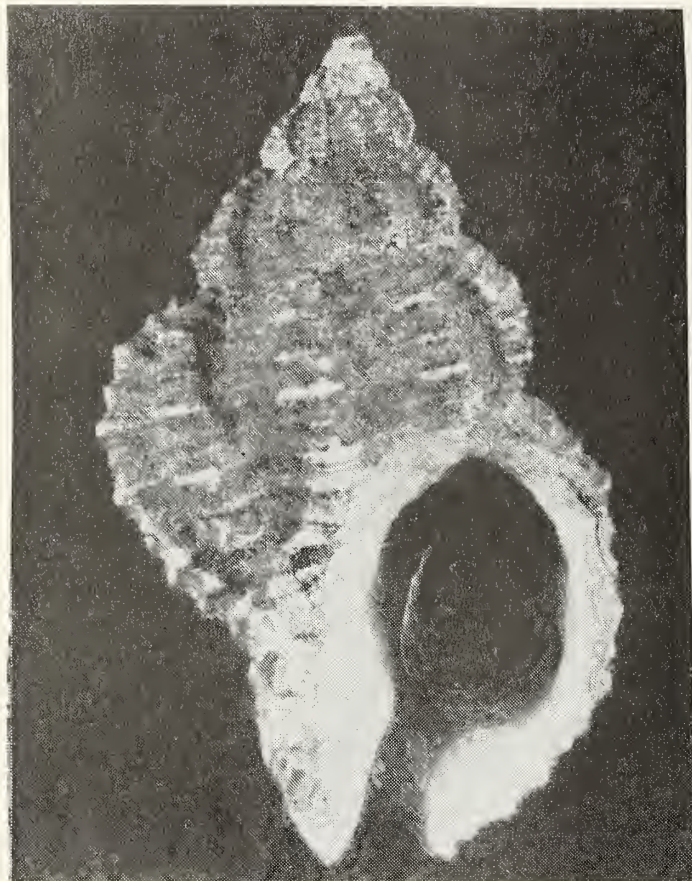


Figure 56. *Cantharus rehderi* (Berry collection)
new name for *Solenosteira elegans* Dall, 1908

1962. 1:130 (Nov. 13)

Holotype: USNM 123003 (type of Dall's species, a
homonym renamed by Berry).



Figure 57. *Dendrochiton psaltes* [H]

1963. 1:135 (Mar. 29)

Size: long. 12.1; lat. 5.6; alt. 2.0 mm
Type loc.: near entrance to Mission Bay, San
Diego, California

Holotype: Redlands 29,877

Paratypes: CAS 12619 [CAS 036326], 1 specimen
LACM 1448, 1 specimen
SDNHM 43471, 23 specimens

[=*Mopalia* (*Dendrochiton*) *psaltes* (Berry) fide Abbott
1974:403; = *Dendrochiton thamnopus* (Berry, 1911)
fide Ferreira 1982:109]



Figure 58. *Dendrochiton laurae* [H]

1963. 1:136 (Mar. 29)

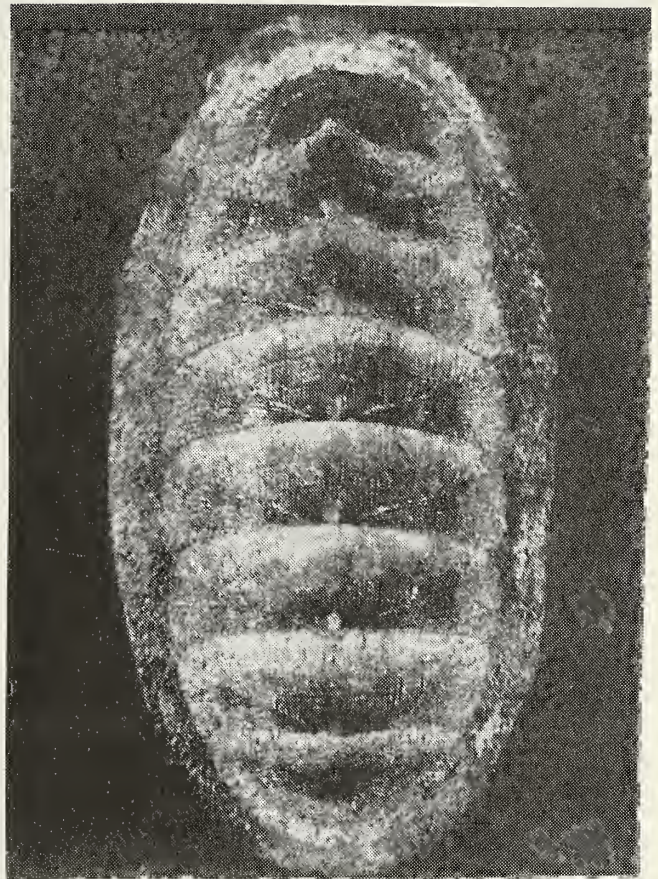
Size: long. 10.7; lat. 5.2; alt. 3.1 mm
Type loc.: Bahía de los Angeles, Baja California,
Mexico

Holotype: Redlands 29,878

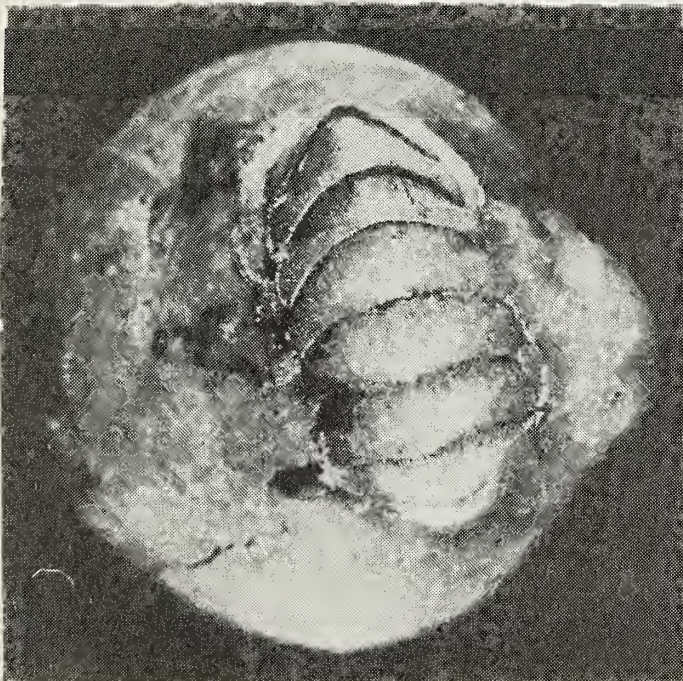
[=*Dendrochiton virulatus* Berry, 1963 fide
Ferreira 1982:113-114]

Figure 59. *Dendrochiton lirulatus* [H]

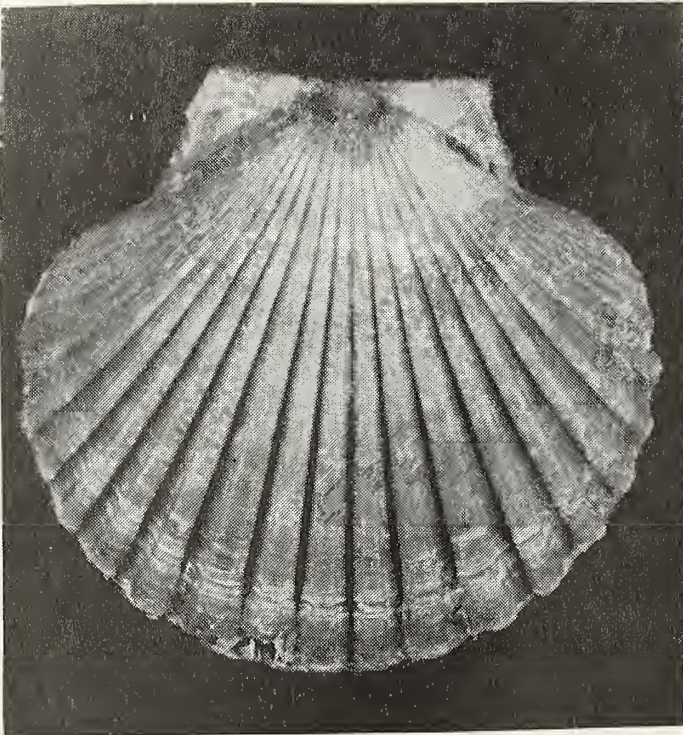
1963. 1:136-137 (Mar. 29)
 Size: long. 8.3; lat. 4.1; alt. 2.2 mm
 Type loc.: Punta San Felipe, Baja California, Mexico
 Holotype: Redlands 29,879
 Paratype: CAS 12618 [CAS 036325], 1 specimen

Figure 60. *Lepidozona pella* [H]

1963. 1:137-138 (Mar. 29)
 Size: long. 23.1; lat. 12.1; alt. 9.0 mm
 Type loc.: San Felipe, Baja California, Mexico
 Holotype: Redlands 25,471
 Paratypes: CAS 12620 [CAS 036327], 1 specimen
 LACM 1449, 2 specimens
 [= *Lepidozona subtilis* Berry, 1956 fide Thorpe in
 Keen 1971:877; Ferreira 1974:168]

Figure 61. *Lepidozona inefficax* [P]

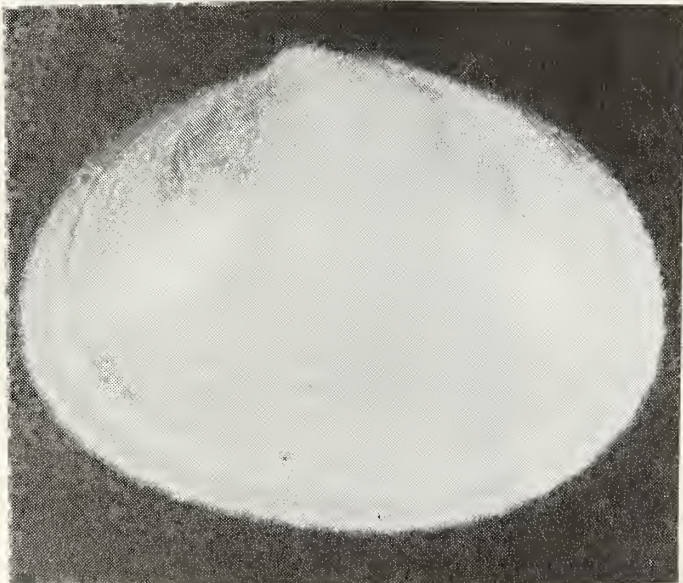
1963. 1:138 (Mar. 29)
 Size: long. "in situ (somewhat curled)" 21.0;
 lat. 13.5; alt. "(est)" 5.+ mm [holotype]
 Type loc.: Sebastian Vizcaino Bay, Baja California, Mexico
 Holotype: Redlands 28,712 ["lost" according to Berry
 (Poorman, pers. comm.)]
 Paratype: Redlands (no number given)

Figure 62. *Pecten lunaris* [H]

1963. 1:139-140 (Sept. 30)
 Size: long. 70.8; alt. 64.1; diam. 16.1 mm
 Type loc.: off Morro Colorado, Sonora, Mexico
 Holotype: SU 9711 [CAS 043980], both valves
 Paratype: CAS 12705 [CAS 042482], 1 specimen
 [= *Pecten berryi* Bernard, 1983, new name for *Pecten lunaris* Berry, 1963: not Romer, 1839 fide Bernard 1983:68]

Figure 63. *Tellidorella cristulata* [H]

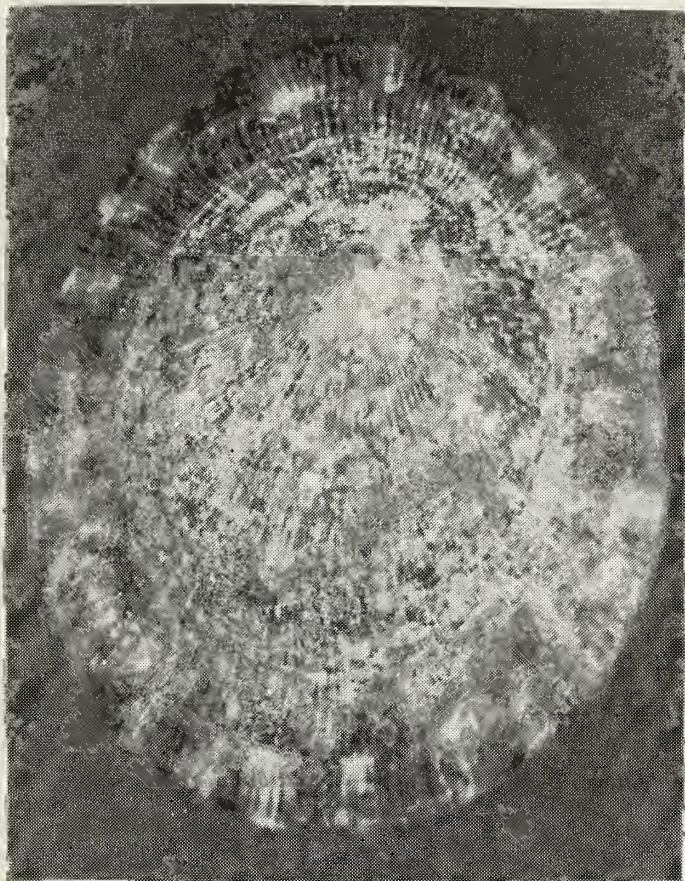
1963. 1:140 (Sept. 30)
 Size: long 5.6; alt. 4.9; diam. 1.1 mm
 Type loc.: off Puerto Libertad, Sonora, Mexico
 Holotype: SU 9712 [CAS 043974], right valve
 Paratype: SDNHM 47505, 2 valves (1 l.v., 1 r.v.)

Figure 64. *Crenimargo electilis* [H]

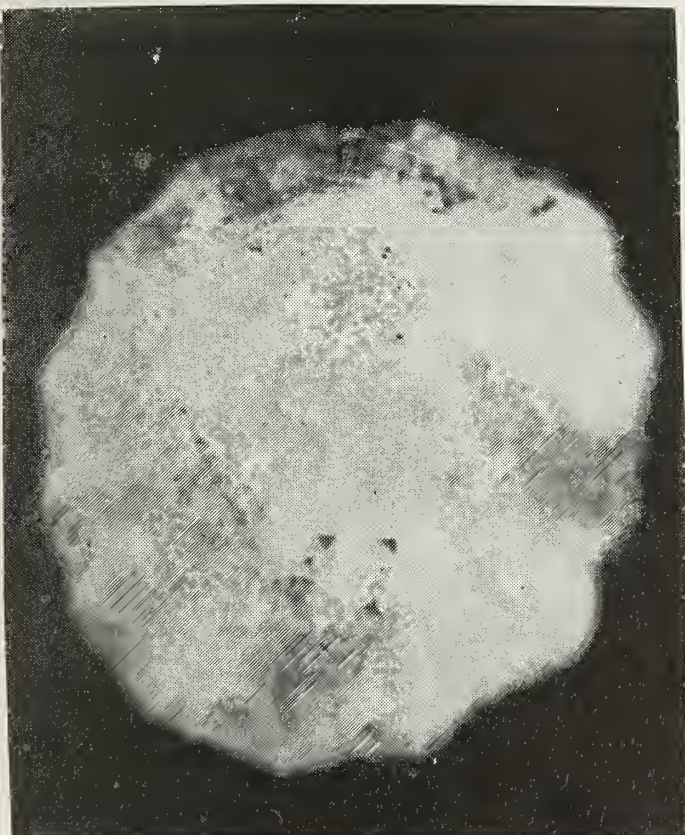
1963. 1:140-141 (Sept. 30)
 Size: long. 16.0; alt. 11.7; diam. 7.2 mm
 Type loc.: Playa las Hadas, north of Manzanillo, Colima, Mexico
 Holotype: SU 9713 [CAS 043976], both valves
 [= *Cymatinoa* Berry, 1964 nom. nov. for *Crenimargo* Berry, 1963 nomen. praeoc. fide Berry 1964:154; = *Cymatinoa electilis* (Berry) fide Shasky & Campbell 1964:114; Keen 1971:133]

Figure 65. *Transennella caryonautes* [H]

1963. 1:141-142 (Sept. 30)
 Size: long. 40.5; alt. 35.2; diam. 23.7 mm
 Type loc.: Mazatlán, Sinaloa, Mexico
 Holotype: SU 9714 [CAS 043973], both valves

Figure 66. "*Acmaea*" *concreta* [H]

1963. 1:142-143 (Sept. 30)
 Size: long. 29.9; lat. 23.4; alt. 9.0 mm
 Type loc.: Punta San Felipe, Baja California, Mexico
 Holotype: SU 9715 [CAS 036322]
 Paratypes: SDNHM 47499, 3 specimens
 [= *Collisella stanfordiana* (Berry, 1957) fide
 McLean in Keen 1971:325]

Figure 68. *Crucibulum castellum* [H]

1963. 1:143-144 (Sept. 30)
 Size: major diam. 8.6; lesser diam. 7.8, alt. 4.6 mm
 Type loc.: off Acapulco, Guerrero, Mexico
 Holotype: SU 9716 [CAS 043996]
 Paratypes: SDNHM 47503, 3 specimens
 [= *Crucibulum concameratum* Reeve, 1859 fide
 Keen 1971:465; Abbott 1974:140]

Figure 67. *Cirsotrema pentadesmium* [H]

1963. 1:143 (Sept. 30)
 Size: alt. 8.2; lat. 3.7 mm
 Type loc.: Puerto San Carlos, Sonora, Mexico
 Holotype: SU 10058 [CAS 043927]
 [= *Epitonium (Cirsotrema) vulpinum* (Hinds, 1844)
 fide Keen 1971:428; = *Cirsotrema vulpinum* (Hinds)
 fide DuShane 1974:48]

Figure 69. *Crucibulum subactum* [H]

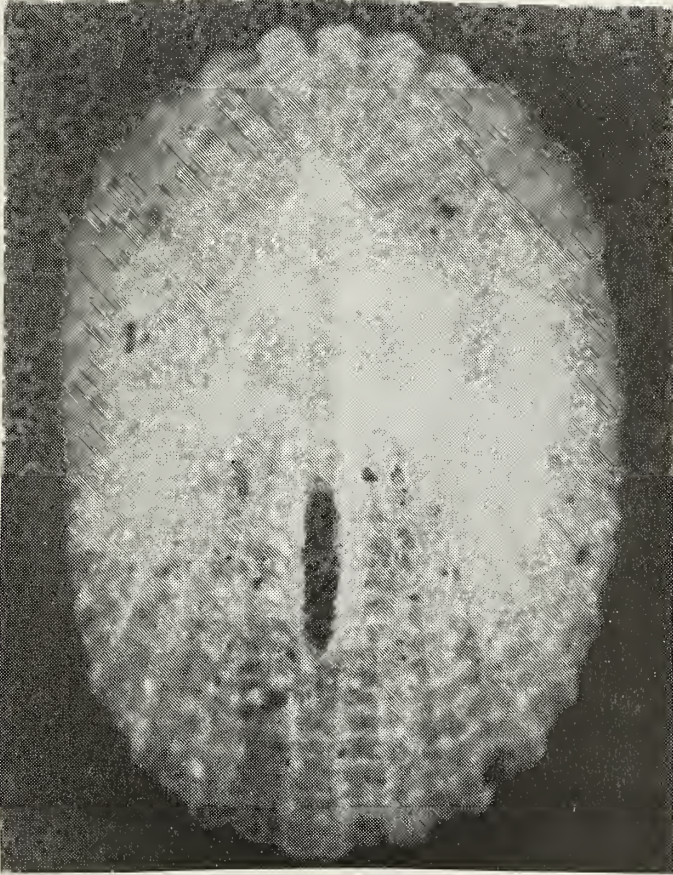
1963. 1:144 (Sept. 30)
 Size: long. 11.2; lat. 9.1; alt. 6.6 mm
 Type loc.: off Teacapan, Sinaloa, Mexico
 Holotype: SU 9717 [CAS 043933]
 Paratypes: SDNHM 47502, 3 specimens
 [= *Crucibulum (Dispotaea) subactum* Berry
 fide Keen 1971:465]

Figure 70. *Solenosteira gatesi* [H]

1963. 1:144-145 (Sept. 30)
 Size: alt. 43.8; diam. 25.2 mm
 Type loc.: Mazatlan, Sinaloa, Mexico
 Holotype: SU 9718 [CAS 043912]
 Paratypes: SDNHM 47500, 3 specimens
 [= *Cantharus (Solenosteira) gatesi* (Berry)
 fide Abbott 1974:220]

Figure 71. *Olivella (Dactylidella) cymatilis* [H]

1963. 1:146 (Sept. 30)
 Size: alt. 17.8; diam. 7.2 mm
 Type loc.: Magdalena Bay, Baja California, Mexico
 Holotype: SU 9719 [CAS 043908]
 Paratypes: LACM 1961, 1 specimen
 SDNHM 47504, 3 specimens

Figure 72. *Rimula californiana* [H]

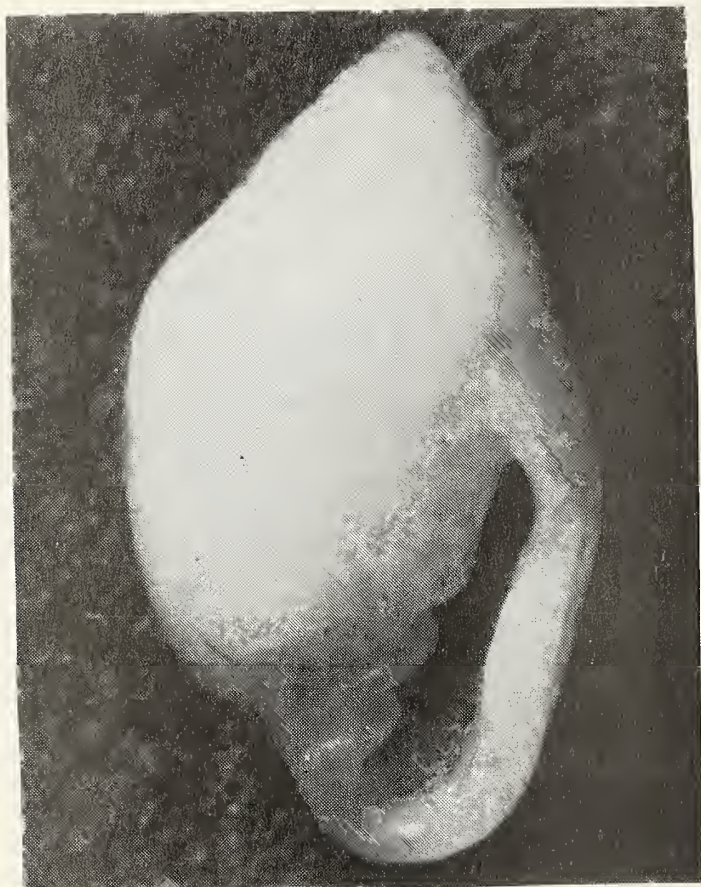
1964. 1:147 (July 29)
 Size: long. 3.92; diam. 2.66; alt. 1.33 mm
 Type loc.: off Long Point, Santa Catalina
 Island, California
 Holotype: SU 9500 [CAS 043990]

Figure 73. *Lunaia lunaris* [H]

1964. 1:148-149 (July 29)
 Size: alt. 24.3; diam. 23.3 mm
 Type loc.: off Estero Tastiota, Sonora, Mexico
 Holotype: SU 9501 [CAS 043919]
 [=Natica (*Lunaia*) *lunaris* (Berry) fide Keen 1971:477]

Figure 74. *Trialatella cunninghamae* [H]

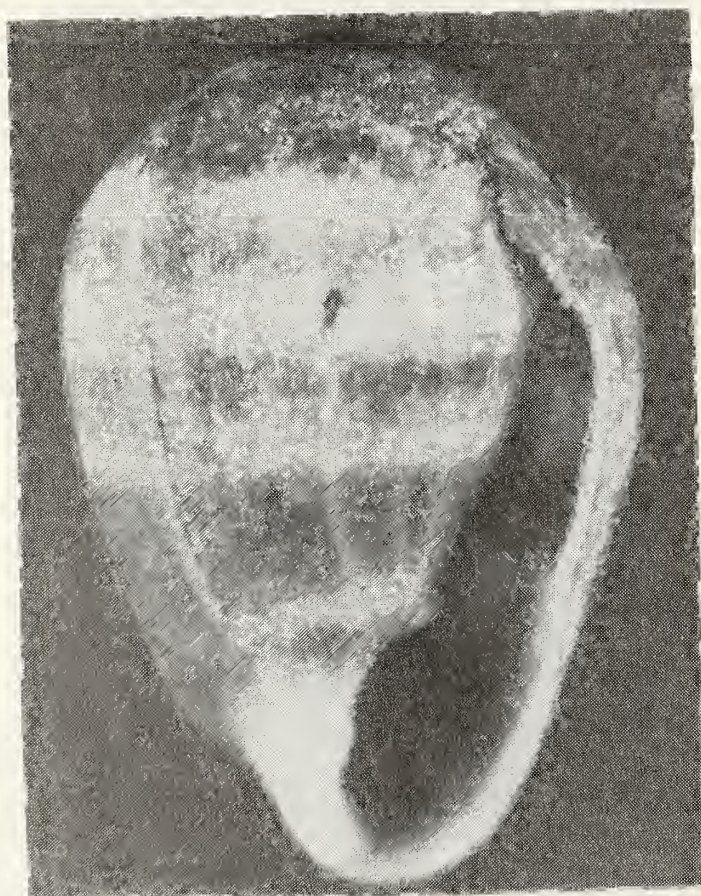
1964. 1:149-150 (July 29)
 Size: alt. 17.0; diam. 10.1 mm
 Type loc.: near entrance to Puerto San
 Carlos, Sonora, Mexico
 Holotype: SU 9502 [CAS 043997]
 [=Aspella (*Trialatella*) *cunninghamae* (Berry) fide
 Keen 1971:529; =*Dermomurex* (*Trialatella*)
cunninghamae (Berry) fide Keen & Coan 1975:29;
 =*Dermomurex* *cunninghamae* (Berry) fide Radwin &
 D'Attilio 1976:45]

Figure 75. *Pseudomelampus mexicanus* [H]

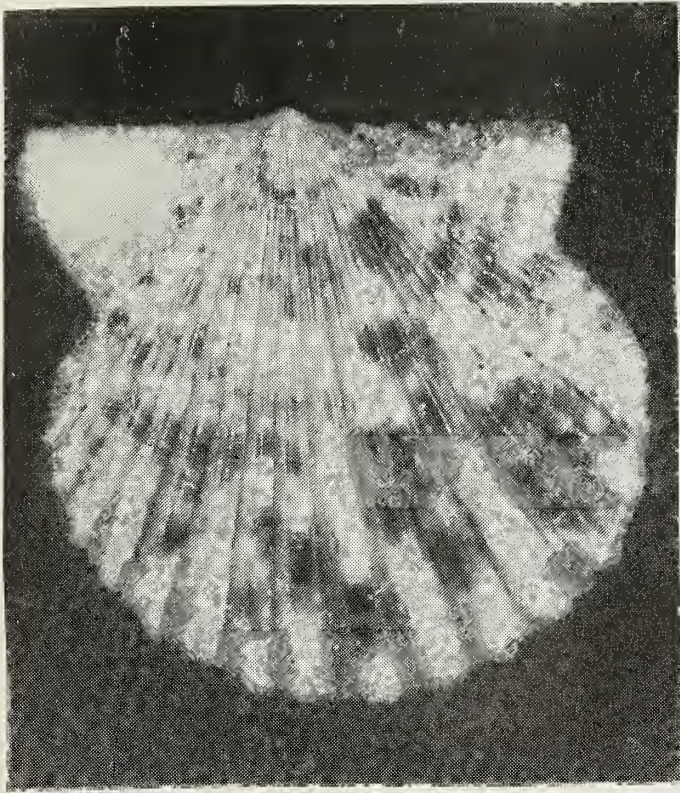
1964. 1:151-152 (July 29)
 Size: long. 4.2; lat. 2.7 mm
 Type loc.: 1½ miles north of Puertecitos,
 Baja California, Mexico
 Holotype: Redlands 29,882
 [= *Samia mexicana* (Berry) fide Keen 1971:850]

Figure 76. *Melampus mousleyi* [H]

1964. 1:152-153 (July 29)
 Size: alt. 10.0; diam. 5.4 mm
 Type loc.: Cholla Cove, Bahía de Adair,
 Sonora, Mexico
 Holotype: SU 9503 [CAS 043922]
 Paratypes: SDNHM 48949, 5 specimens

Figure 77. *Melampus olivaceus californianus* [H]

1964. 1:153-154 (July 29)
 Size: alt. 11.1; diam. 7.4 mm
 Type loc.: Mission Bay, Pacific Beach, California
 Holotype: SU 9504 [CAS 043991]
 Paratypes: SDNHM 48948, 3 specimens
 [= ?*Melampus* (*Melampus*) *olivaceus* Carpenter, 1857
 fide Keen 1971:846; fide Abbott 1974:332]

Figure 78. *Aequipecten (Leptopecten) camerella* [H]

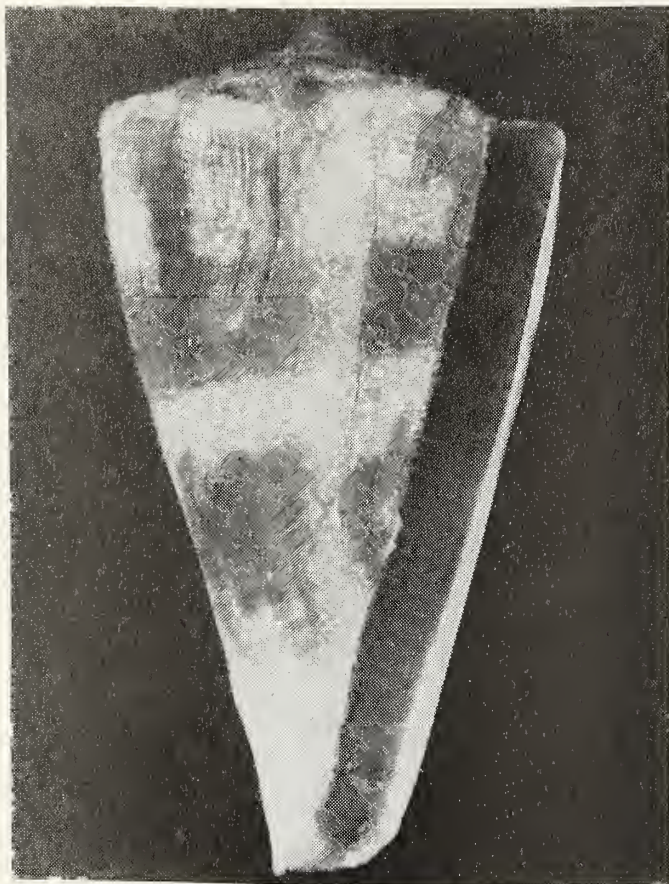
1968. 1:155-156 (Sept. 26)
 Size: long. 20.2; alt. 19.6; diam. 8.2 mm
 Type loc.: La Ribera, Baja California Sur, Mexico
 Holotype: ?Redlands (no number given)
 [=Leptopecten (Leptopecten) camerella (Berry) fide
 Keen 1971:91]

Figure 79. *Pteropurpura (Centrifuga) deroyana* [H]

1968. 1:156 (Sept. 26)
 Size: alt. 33.4; lat. 21.0 mm
 Type loc.: off Indefatigable (Santa Cruz) Island,
 Galapagos Islands, Ecuador
 Holotype: ?Redlands (no number given)
 [=Pteropurpura centrifuga (Hinds, 1844) fide
 Radwin & D'Attilio 1976:130]

Figure 80. *Conus poormani* [H]

1968. 1:156-157 (Sept. 26)
 Size: alt. 45.0; diam. 21.9 mm
 Type loc.: off Morro Colorado, Sonora, Mexico
 Holotype: ?Redlands (no number given)
 Paratypes: AMNH 186416, 1 specimen
 LACM 1261, 2 specimens

Figure 81. *Conus chrysocestus* [H]

1968. 1:157 (Sept. 26)
 Size: alt. 45.3; diam. 24.3 mm
 Type loc.: off Morro Colorado, Sonora, Mexico
 Holotype: ?Redlands (no number given)
 [= *Conus (Lithoconus) fergusonii* Sowerby, 1874
 fide Keen 1971:667; = *Conus xanthicus* Dall,
 1910 fide McLean & Nybakken 1979:139-140]

Figure 82. *Ptychosyrinx chilensis* [H]

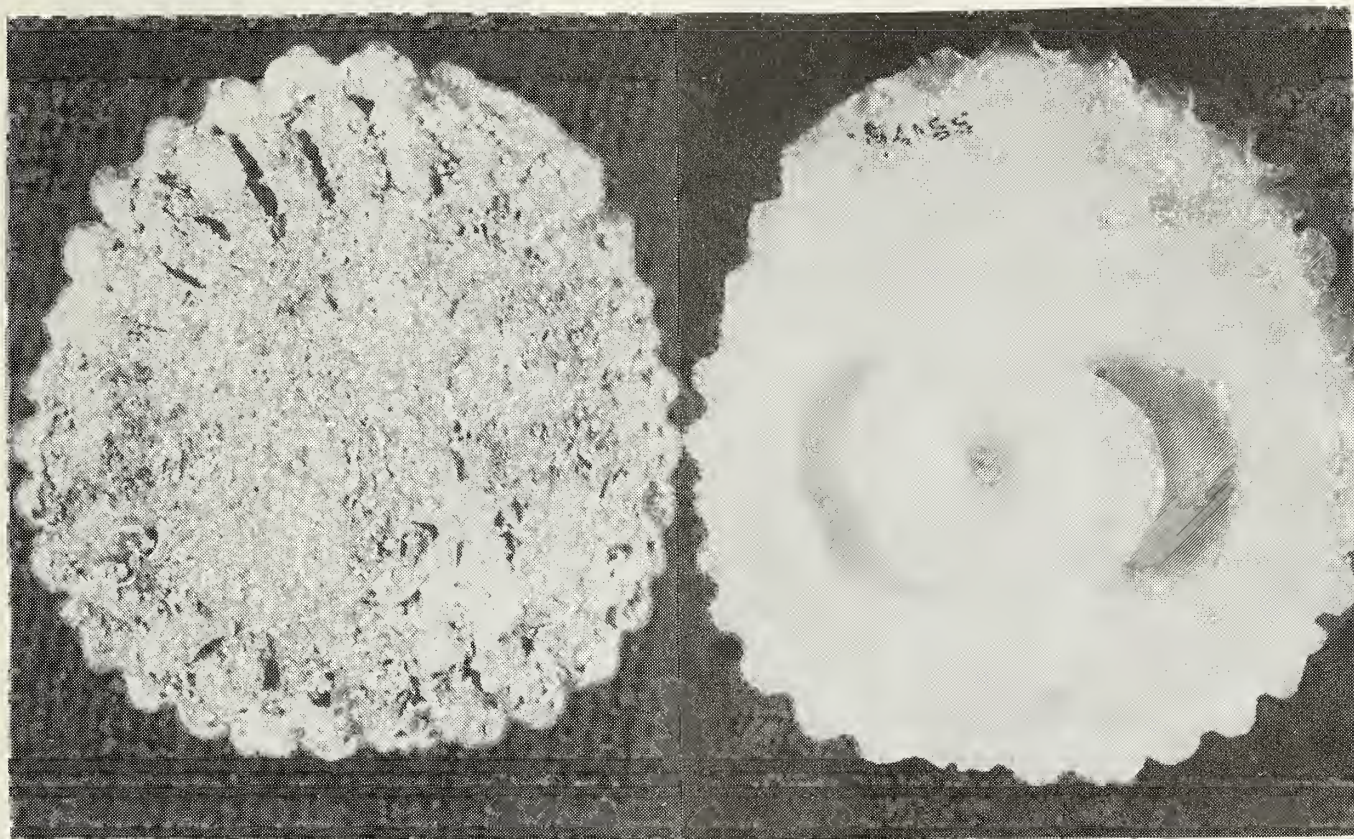
1968. 1:158 (Sept. 26)
 Size: alt. 40.7+; diam. 14.9 mm
 Type loc.: off Coquimbo, Chile
 Holotype: LACM 1912

Figure 83. *Rimula mexicana* [H]

1969. 1:159-160 (Dec. 17)
 Size: long. 5.18; diam. 2.96; alt. 2.22 mm
 Type loc.: off Tule, ca. 45 miles south of Los
 Angeles Bay, Baja California, Mexico
 Holotype: ?Redlands (no number given)
 [= *Rimula astriata* McLean, 1970 fide Keen 1971:
 313; fide Abbott 1974:21]

Figure 84. *Turcica admirabilis* [H]

1969. 1:160 (Dec. 17)
 Size: alt. 40.4; diam. 34.9 mm
 Type loc.: off Morro Colorado, Sonora, Mexico
 Holotype: ?Redlands (no number given)

Figure 85. *Crucibulum cyclopium* [H]
(exterior and interior views)

1969. 1:161 (Dec. 17)
 Size: alt. ca. 22.0; diam. 65.7 mm

Type loc.: Playa Miramar, Santiago Bay,
 Manzanillo, Colima, Mexico
 Holotype: ?Redlands (no number given)

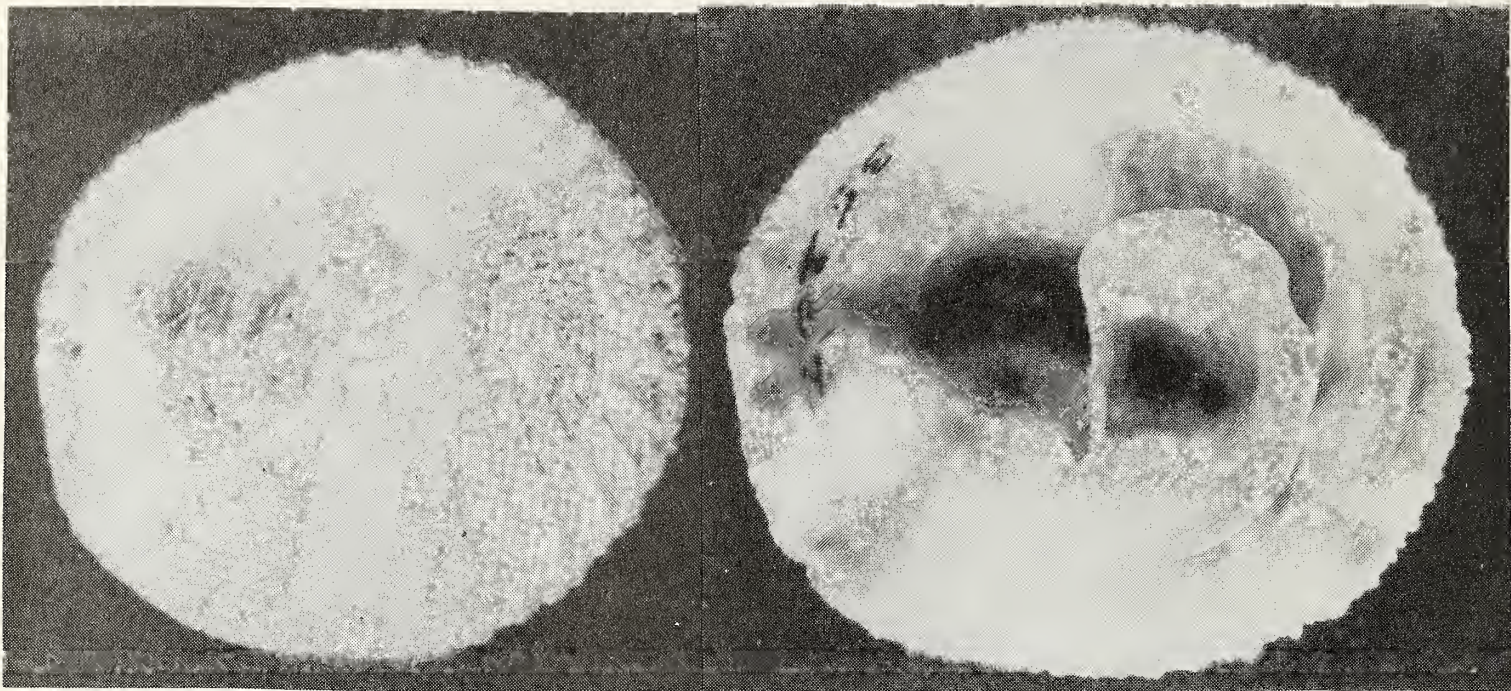


Figure 86. *Crucibulum monticulus* [H]
(exterior and interior views)
1969. 1:162 (Dec. 17)

Size: long. or major diam. 29.0 mm
Type loc.: Mazatlán, Sinaloa, Mexico
Holotype: ?Redlands (no number given)

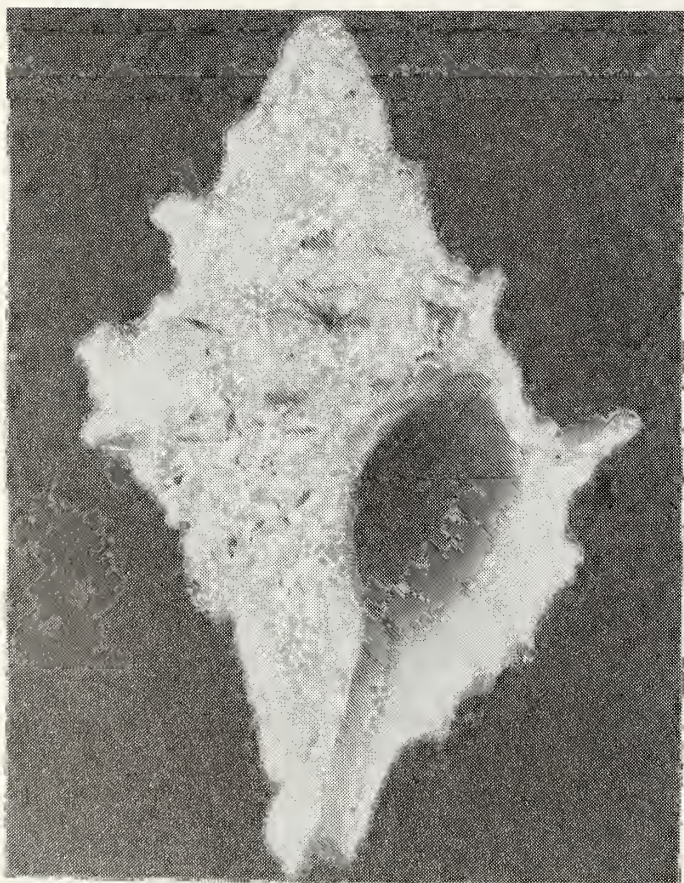


Figure 87. *Acanthotrophon sentus* [H]

1969. 1:162 (Dec. 17)
Size: alt. 19.8+; diam. 14.9 mm
Type loc.: Academy Bay, Indefatigable Island,
Galápagos Islands, Ecuador
Holotype: ?Redlands (no number given)
[=*Trophon* (*Acanthotrophon*) *sentus* (Berry) fide
Keen 1971:537; =*Acanthotrophon carduus*
(Broderip, 1833) fide Radwin & D'Attilio
1976:19; fide Vokes in Radwin (posth.) &
D'Attilio 1978:134; =*Acanthotrophon sentus*
Berry fide Vokes 1980:11]

Figure 88. *Mitra (Subcancilla) phorminx* [H]

1969. 1:162-163 (Dec. 17)
 Size: alt. 40.2+; diam. 10.3 mm
 Type loc.: off Rio Bolsa, Acapulco,
 Guerrero, Mexico
 Holotype: ?Redlands (no number given)
 Paratypes: LACM 1954, 3 specimens
 [=Subcancilla phorminx (Berry) fide Keen 1971:
 645; fide Whitney 1977:53]

Figure 89. *Oliva ionopsis* [H]

1969. 1:163-164 (Dec. 17)
 Size: alt. 30.4; diam. 13.5 mm
 Type loc.: Bahía de las Palmas, Baja
 California Sur, Mexico
 Holotype: ?Redlands (no number given)
 [=Oliva (Oliva) spicata (Roding, 1798) fide
 Keen 1971:624; =Oliva ionopsis Berry fide
 Abbott 1974:232]

Figure 90. *Elaeocyma ricaudae* [H]

1969. 1:164-165 (Dec. 17)
 Size: alt. 29.4; diam. 11.9 mm
 Type loc.: San Juanico area, Baja California
 Sur, Mexico
 Holotype: ?Redlands (no number given)
 Paratypes: LACM 1445, 2 specimens
 [=Cymatosyrinx (Elaeocyma) ricaudae (Berry)
 fide Abbott 1974:276]



Figure 91. *Elaeocyma baileyi* [H]

1969. 1:165-166 (Dec. 17)
 Size: alt. 8.5; diam. 3.33 mm
 Type loc.: Bahía de las Palmas, Baja
 California Sur, Mexico
 Holotype: ?Redlands (no number given)
 [= *Splendrillia lalage* (Dall, 1919) fide
 McLean in Keen 1971:705; fide Abbott 1974:275]

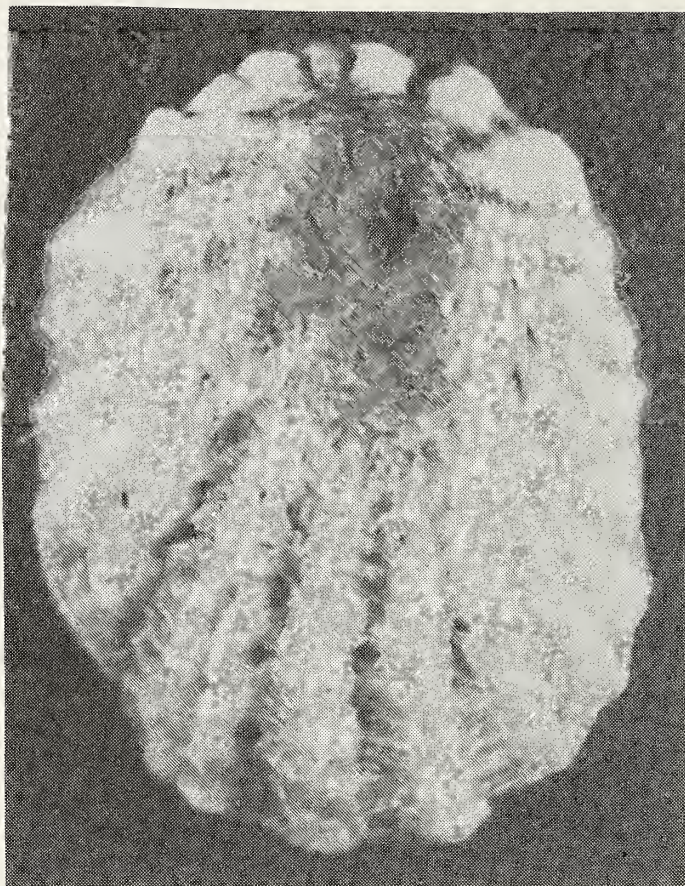


Figure 92. *Siphonaria williamsi* [H]

1969. 1:166 (Dec. 17)
 Size: long. 7.10; lat. 5.25; alt. 2.96 mm
 Type loc.: cove inside Flat Rock, Natividad
 Island, Baja California, Mexico
 Holotype: ?Redlands (no number given)
 [= *Siphonaria* (*Kerguelenia*) *williamsi* Berry fide
 Abbott 1974:336]

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